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AMENDMENTS FOR THE NRDWL MANIFEST RECORDS FOR YEAR 1984

BEST AVAILABLE COPY



AMENDMENT PAGES FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL FOR YEAR 1984

- 1. These pages consist of the NRDWL internal shipping documents that were stored at the NRDWL caretaker trailer and the Seattle records center. The trailer is located at the Solid Waste Landfill, south and adjacent of the NRDWL.
- 2. These pages are duplicates of those stored at the NRDWL operations facility.

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3. Insert these pages at the back of the binder of the initial submittal "Manifest Records Nonradioactive Dangerous Waste Landfill for year 1984", on February 14, 1991.

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ROCKWELL HANFORD OPERATIONS CHEMICAL WASTE DISPOSAL REQUEST

1/-33 Logbook #

Manifest(s) cross-reference

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adiation Monitoring Release Survey Card Number (if applicable)

*Hazards
Corrosive
OxidizerPoison-P Corrosive-C Flammable-F 0xidizer-0 Explosive-E

**Status New (unused)- N Full-F Partially Full-PF Empty (1 in.) - M.T. Triple rinsed (empty drums)-TR Reacted-Rx (expired)-0

91123 43304

Page <u>1</u> of <u>1</u>

DISPOSAL ANALYSIS NO. 11-33

	ITEM NO.	CONTAINER NO.	DOT SHIPPING NAME	DOT HAZARD CLASS	DOT IDENTIFICATION NUMBER	DOT LABEL	EPA Number	NO. OF CONTAINERS	TYPE OF CONTAINER	QUANTITY PER CONTAINER	•
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OFFSITE DISPOSAL

ONSITE DISPOSAL

Oil, NOS Combustible NA1270 None None 40 55-gal. drums Empty Liquid R 3 4 - 2 7 3 6
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Barthelemew.D.C.

Bellofatte, M.

Cravitoral, A.C.

Deichman, J.L. Di Pol, C.V.

Denshue, LW. Gimers, R.J.

Carey, J.M.

(3)

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Ash, E.B.

Rockwell Hanford Operations Energy Systems Group P.O. Box 800 Richland, WA 99352 TAS BEN COMPLETED

IN Chemical Tranch

Rockwell International 9-24-1984

In reply, refer to letter R84-2936

SEP 0 5 1984

Ms. Cynthia Veneziano
Environmental Health Sciences
Hanford Environmental Health
Foundation
Post Office Box 100
Richland, Washington 99352

Dear Ms. Veneziano:

DISPOSAL REQUEST 10-43

Reference: Application to Dispose of Nonradioactive Hazardous Waste, C. D. Veneziano, July 31, 1984

Rockwell Hanford Operations (Rockwell) has completed review of referenced Disposal Request 10-43. The disposal method for these wastes is outlined on the attached "Disposal Analysis 10-43."

All packaging, labeling, and marking of the waste reagents shall be completed in accordance with the prescribed instructions which are based on Department of Transportation (DOT) Regulations 49 CFR 171-179. It has been determined that this is a non-regulated waste, which does not require a Hazardous Waste Manifest.

Arrangements for transporting waste materials directly to the Hanford Nonradioactive Hazardous Waste Disposal Trench is a generator responsibility and may be implemented following compliance with Disposal Analysis 10-43 instructions.

Inspections by Rockwell of package content and integrity will be made as required to certify that the waste is prepared in the manner designated on Disposal Analysis 10-43. Failure to package in the manner described on Disposal Analysis 10-43 will result in suspension of disposal privileges for the offending facility.

Grubn, R.S. Hammond, R.D. Heineman, R.E. Kinzer, JE. Knight, B.E. Larson, M.P. Larenziai, P.C. Matfeck, R.G. McDermott R.J Omletree, L.R. Pascoe, K.J. Patterson, J.W. Perkins, 10. Reeser, A.L. Roocker, 1H. Saline, C.M. Weil, V.R. Zahn, L.L. Contract Administrator



Ms. Cynthia Veneziano Page 2 SEP 0 5 1984

Should you require further assistance regarding the disposition of wastes listed on Disposal Analysis 10-43, please contact me on 3-4106.

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Very truly yours,

L. F. Lust

Solid Waste Processing & Disposal Unit

LFL:ra

Att.

cc: D. R. Groth A. D. Poor

REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

30 Nov 82

INSTRUCTION	IS
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APPROVED FOR DISPOSAL

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

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SHIPPING ORDER must be teglbly filled in, in ink, in indelible Pencil, or in Carbon, and retained by the Agent.

グベニ MANIFEST DOCUMENT NUMBER

7/33

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ა. ა	GARY COX - ROCKWELL WASTE		FROM:	RAY GALLO	WAY			
/S/D	FACILITY STORAGE			ROCKWELL	MATERIAL			
			E.P.A. ID Code No. WA 789-000-8967					
ddres			Address		66/1100 A			
estina			Origin	HANFORD				
hone	3-3679		Phone	6-7110		7 11	8 //w	
Na ipping	D.O.T. PROPER SHIPPING NAME	HAZAF	ID CLASS	Hat. Mat. I.D. No.	EPA Haz Waste	WEIGHT	LABELS	REQUIRE Imption No.
Units			······································		No.			AMMABLE
1	DIOXANE, WASTE	FLAMMA	BLE LIQUID	UN-116	5 U108	210 11		QUID
	1 DOT 17-H 30 GAL STC STEEL DRUN	WITH FI	VE - ONE I	INT BOTT	LES OF			
	DIOXANE, FLAMMABLE LIQUID PACKET	IN A F/	B CARTON I	ITH F/B	SEPARATOR	s		
	REMAINING VOID FILLED WITH CLAY	ABSORBEN	r.		,			
	RDS REQUIRED NONE							
	RDS REQUIRED NONE re the rate is dependent on value, shippers are required to state specific	leeltu le veltlee	Subject to Shellon 7 of the con-	distant of the Absorber of the	ha deltares he the sameless		SICUT	CHARCES
the	agreed or declared value of the property. The agreed or declared value ereby specifically stated by the shipper to be not exceeding		on the consigner, the consigner The currer shall not make dell	r statil sign the following all lughy of this shipmant withou	temani I Bayment di fraight and att ex		EPAID	CHARGES COLLECT
<u> </u>	Per VED, subject to the classifications and tariffs in effect on the date of the lasue of		1	(Signature of Cons			<u> </u>	<u></u>
Shippe and his	Veus, subject to the classifications and carries in vises no rise date which said carries unknown), marked, consigned, and destined as indicated above which said carries be contract) agrees to carry to its usual piace of delivery at said destination, it of of, said property over all or any portion of said route to destination and as to excluding terms and conditions in the governing classification on the date of shipmen hereby certifies that he is familiar with all the bill of leding terms and condition assigns,	n party at any time in it. a in the governing ci	e to deliver to another c nterested in all or any ad tessification and the sai	errier on the foule to aid property, that eve id terms and condition	unid destination. It i ry sarvice to be perfo le sre hereby sgreed k	med hereunder shet	t be subject to decepted for	all the himself
AL /S/D .P.A. ddres:	TERNATE DESTINATION (EMERGENCY FACILITY NONE ID Code No.		CONTACT	Name	RESPONS C.D. HANS 6-7494	E INFORM	0-424-8	302
AL /S/D	TERNATE DESTINATION (EMERGENCY FACILITY NONE ID Code No. S Ition	ONLY) :	CONTACT National R	Name Phone esponse Co	RESPONS C.D. HANS 6-7494 enter	E INFORM T-80 in D. C.	0-424-88 426-2	302 675
AL /S/D .P.A. ddress estina This is for tran enerate gnature	FACILITY NONE ID Code No. s stion to certify that the above named materials are prope sportation according to the applicable regulations of the applicable r	CERTIFIC THE CLASSIFIER OF THE CHARLES OF THE CHARL	CONTACT National R CATION d, described, pa	Name Phone esponse Coackaged, mark	RESPONS C.D. HANS 6-7494 enter	I-80 in D. C. d, and are in	0-424-88 426-20	302 675
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MANIFEST DOCUMENT NUMBER

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE				7/33			
7 .			<u> </u>	7 33		<u></u>	
): GARY COX - ROCKWELL WASTE		FROM: R	AY GALLO	VAY			
S/D FACILITY STORAGE	Generator ROCKWELL MATERIAL						
P.A. ID Code No. WA 789-000-8967	E.P.A. ID Code No. WA 789-000-8967						
dress BLDG. 2727-S/200W stination HANFORD	· · · · · · · · · · · · · · · · · · ·		<u>BLDG, 110</u> HANFORD	<u>66/1100 A</u>	REA	·	
one 3-3679	·· <u></u> -		6-7110				
D.O.T. PROPER SHIPPING NAME	HAZAP	ID CLASS	Haz Mat.	Haz Waste No.	WEIGHT.	LABELS REQUIRED (or Exemption No.)	
DIOXANE, WASTE	FLAMMAB!	LE LIQUID	UN-116	U108	210 lb	FLAMMABLE LIQUID	
1 DOT 17-H 30 GAL STC STEEL DRUM	WITH FIV	/E - ONE P	INT BOTTI	ES OF			
DIOXANE, FLAMMABLE LIQUID PACKED	IN A F/I	3 CARTON W	ITH F/B S	EPARÀTOR	5		
REMAINING VOID FILLED WITH CLAY	BSORBENT	Γ.					
ACARDS REQUIRED NONE			l				
E - Where the rate is dependent on value, shippers are required to state specifithe agreed or declared value of the property. The agreed or declared value		Subject to Section 7 of the come on the consigner, the consigner The Corrier shall not make deli-	r dhaif Biga tag (dilousag sto	10-T-M	,	EIGHT CHARGES	
is hereby specifically stated by the shipper to be not exceeding			(Signature of Con-			x]	
RECEIVED, subject to the classifications and tertife in effect on the date of the Issue of sechedes unknown), marked, consigned, and destined as indicated above which said carri-	f this Bill of Lading or (the word carrier	, the property described being understood through	Labour to respect to		oted (contents and of or corporation in pose	ondition of contents of ession of the property	
RECEIVEL, subject to the classifications and strings in stact on the date of the fatter of packages whenever, marked, consigned, and estimated as foliated above which said carry under the contract) agrees to carry to its usual place of delivery at said destination, it or early et, said property over all or any portion of said routs to destination and as it and bill of lading terms and conditions in the governing classification on the date of shipman shipper hardby certifies that he is familiar with all the bill of lading terms and conditions and his Assigns.	party at any time in t. s in the governing cl	storeated in all or any as auxilication and the sal	ald property, that eve d terms and condition	y service to be perfo & are hereby agreed t	rmed herounder shall a by the shipper and	be subject to all the accepted for himself	
ALTERNATE DESTINATION (EMERGENCY (ONLY) .	EM				IATION () A state	
I/D FACILITY NONE		CONTACT	***************************************	.D. HANS 6-7494	EN		
A. ID Code No.		National R	Phone		1-800)-424-8802	
itination					in D. C.	426-267 <u>5</u>	
is to certify that the above named materials are proper transportation according to the applicable regulations of	rly classified	i, described, pa	ickaged, mark	ed and labele	ad, and are in		
erator ature Charles	2	C.D. HANSE	N	Date	7-11-84		
ANSPORTER #1 JOHN WAYNE COR-				E.P.A. ID No	•		
iress RHO		State /	7A 715 67	2252	2hono 77/	6-8860	
	-1				-11011 0	<i>7.0</i>	
naporter No. 1 This is to certify acceptanture	plance of tr	e nazardous	waste sinpii	Date			
ANSPORTER #2				E.P.A. ID No	·		
lress		State	Zip		hone	· · · · · · · · · · · · · · · · · · ·	
		SIMIR	4IP	,F	-110116		
This is to certify sees	antoneo of t			ment			
This is to certify accepture	eptance of t			ment. Date			
porter No. 2	eptance of t					000350	

THIC	SHIPPING	ODDED
11119	SHIPPING	OUNCU

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must be legibly filled in, in ink, in indelible Pencil, or in Carbon, and retained by the Agent.

MANIFEST	DOCUMENT	NUMBER
	-3	

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TO:	EAGU 1704	RHO			FROM:	\ Lockl	. <i>JF</i> 71		
	FACILITY . ID Code No	<u>-: </u>	-000-89	47	Generator	Code No. U		-000-	8927
Addres		AND, WA	HANFORD		Address	Z02A/		-00	0101
Destin	ation CHE	MICALTREA	CH -CENTRAL			JEM/CAL	MAK	E-UP	
Phone	3-3	679			Phone	3-2323			
No Shipping Units		PROPER SHIPPI		HAZAF	ID CLASS	Haz. Mat I.O. No.	EPA Haz Waste No.	WEIGHT	LABELS REQUIRE (or Exemption No.
21	NITRATE	N.O.S. (HY	DROXLAMINE)		IZER	NA 1477	D003	315#	OXIDIZE
17	CORROSINE	E LIQUID P	IOS. (SULFAMAT) CORR	DSIVE	UN 1760	D002	255 ⁵	CORROSNE
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th	e agreed or declared v	ent on value, shippers a alue of the property. Th ated by the shipper to b Per	re required to state specific e agreed or declared value e not exceeding	ically in writing of the property		priions, if this shipment is to be a half sign the following slates very of this skipment without bi (Signature of Consign	nane symmets of fraight and till on		EIGHT CHARGES
			lect on the date of the Issue of ficated above which said carrivery at said destination, if or to destination and as to each catton on the date of shibmen of lading terms and condition. EMERGENCY.				service to be perfor are hereby agreed to		
i .	FACILITY_		ONE WA		CONTACT	Name	GAMY C 3-36	0X 74	
Addres	. ID Code No	• . <u> </u>	NIA			Phone ^b			124 0002
Destin			PIA		l	esponse Ce	nter	in D. C.)-424-8802 426-2675
	nsportation acco		materials are proper cable regulations o		i, described, pa		E.P.A.	d, and are in	
		LID. 1611	· ·			Ε	.P.A. ID No.		
Address City					State	Zip	n	hone	······································
	rter No. 1	()This i	s to/certify acce	ptance of t		_		3-24-	-37
TRANS Address	PORTER #2_	<i></i>				Е	.P.A. ID No.		
City					State	Zip	Р	hone	
nspo natur	orter No. 2 re	This	is to certify acce	eptance of t	he hazardous	waste shipm	ent. Date	00	00351
TREAT	MENT/STORA	GE/DISPOSAL	FACILITY						
T/S/D Signatur	FACILITY	This is to certi	fy acceptance of	the hazardo	ous waste for	treatment, st	orage, or di		-74
	· 						~ ~ ~ ~ — — —		

	HAZ	ARDOUS WASTE M	ANIFEST
THIS SHIPPING	ORDER	must be legibly filted in, in ink, in indelible Pencil, or in Carbon, and retained by the Agent.	MANIFEST DOCUMENT NUMBER

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TO: LIO	FROM:	ROCKL	UF71	,				
T/S/D FACILITY FIU E.P.A. ID Code No. VA 789-000-89	Generator 67 E.P.A. 10	Code No. WA 789-000-8967						
Address RICHLAND, WA HANFORD	RES, Address	2021/2	200 E					
Destination CHENICAL TRENCH -CENTRAL Phone 3-3679		EM/CAL	MAKO	-ue				
No	Phone	SPA CONTROL OF THE PARTY OF THE						
Units	HAZARD CLASS	I.D. No.	Na.	WEIGHŢ	(or Exemption No.)			
21 NITRATE N.O.S. (HYDROXLAMINE)		NA 1477	D003	315#	OXIDIZER			
17 CORLOSIVE LIQUID NIOS. (SULFAMA)	CORROSIVE	UN 1760	D002	255#	CORRONC			
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	-4		<u> </u>		3			
PLACARDS REQUIRED								
NOTE - Where the rate is dependent on value, shippers are required to state spec the agreed or declared value of the property. The agreed or declared value is hereby specifically stated by the shipper to be not exceeding - Per		o shell soon the following state	resid Payment of Ersight and all t		REIGHT CHARGES			
DECEMBED, emisery to the classifications and teriffs in effect on the date of the factor	of this Bill of Lading, the property described	1 shove in somerent on	order except se r	oted (contents and c	condition of contents of			
packages unknown), market, consigned, and deathed as indicated above which said or under the contract) agrees to carry to its unuar place of delivery at said deathed to any of, said property over all or any portion of said rought to destination and as to see bill at lading terms and conditions in the governing classification on the date of single persons of the condition of the destination and as to see the condition of the con	irrier (the word carrier being understood through on its route, otherwise to deliver to snother to being any at any time interested in all or any a lent.	phout this contract as e parrier on the route to a aid property, that ever	sid destination. It r service to be perfo	or corporation in pos- ts mutually agreed a rmed hereunder Shall	season of the property to sech carrier of all to esubject to all the			
are in a sering.								
ALTERNATE DESTINATION (EMERGENCY				E INFORM	AATION			
T/S/D FACILITY NONE E.P.A. ID Code No. NIA	CONTACT	7100110	3-36					
Address	National B	Phone esponse Ce			0-424-8802			
Destination P/A		Sopones Ge		iπ D. C.	426-2675			
This is to certify that the above named materials are prop	CERTIFICATION perly classified, described, p	ackaged, mark	ed and labele	ed, and are in	n proper condition			
for transportation according to the applicable regulations	of the Department of Transpo	ortation and th	e E.P.A.	,	k:"			
	•		_	\sim /				
Generator Signature Conceld J. Meson		,	Date	3-24	-84			
Signature maid di Mish			Date		-84			
TRANSPORTER #1 /1/J: /// Address	Conta	· · · · · · · · · · · · · · · · · · ·	.P.A. ID No	•				
Signature	State_	Zip	.P.A. ID No					
Signature	StateState	Zip	.P.A. ID No	•	-84 34			
Signature		Zip waste shipm	E.P.A. ID No	Phone	37			
TRANSPORTER #1 / 1/1 / 1/1/2 Address	eptance of the hazardous	waste shipm	E.P.A. ID No Fent. Date E.P.A. ID No	Phone	37			
TRANSPORTER #1 / // / / / / / / / / / / / / / / / /	eptance of the hazardous	Zip	ent. Date	Phone	37			
TRANSPORTER #1 / // / / // / // Address City Transporter No. 1 // This is to certify acc Transporter No. 1 // TRANSPORTER #2 // Address City Transporter #2	eptance of the hazardous	Zip	ent. Date	Phone				
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must be legibly filled in, in ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

MANIFEST DOCUMENT NUMBER

7-BES-C'/6 PEVI

WHC 84-DOI

TO:	FACILITY P	burell Hanland		FROM: Generator	Westing		Nanta			
	ID Code No. (1) A				Code No. W	4 780 O	~ 767 7	<u> </u>		
Addres				Address	dantond		<i></i>			
Destin		Chem Trench /Co	rivine	Origin 300 ann Power hours						
Phone	3-3516			Phone	6-3012					
Na. Shipping Units	D.O.T. PAOPE	R SHIPPING NAME	HAZAF	ID CLASS	Haz Mat I.D. No.	EPA Hez Waste No.	WEIGHT	LABELS REQUIRED (or Exemption No.)		
16	Denbarn Shudation	ion material	Consis	رمر	UN1759			Empty Connecion		
10	Design	Consisive material	Corne	ine	UN1759			Correce		
8	Stermmate	Carriagia Matorial	Course	مشع	UN1759			Empty.		
4										
	,						<u> </u>			
~	ARDS REQUIRED									
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NECE PECE	TUED subject to the classifications	and tariffs in effect on the date of the lasue	of this Bill of Ladin	the property descr	(Signature of Consignary		led (contents and c	contition of contents of		
packa kunder	ges unknown), marked, consigned, as the contract) agrees to carry to its u	d destined by indicated above which said can such place of delivery at said destination. It of tion of said route to destination and as to sec overning classification on the date of shipme with all the bill of leding terms and condition	rier (the word carrier on its route, otherwis	being understood the to deliver to snoth	roughout this contract as mot ser carrier on the route to said	ining any person or didestination. It is	corporation in pos-	ression of the property to each carrier of all		
A	TERNATE DESTIN	ATION (EMERGENCY	ONLY)		EMERGENCY P	ESPONS	"-INFORM	ATION		
T/S/D	FACILITY	164		CONTAC	T Name	alou B	سنة كرود ومية	• •		
	. ID Code No	M			Phone3	-3516	L————	-2		
Addres	s	/-/#	 	National	Response Cen	iter	1-80	0-424-8802		
Destin	ation		A PROFILE	<u> </u>	'		in D. C.	426-2675		
y 21 - This i			CERTIFI					1 5 4 10 7 11		
		ve named materials are prope to the applicable regulations of			sportation and the	E.P.A.				
i Generat Signatur		ensyef				Date <u>8-</u>				
11	PORTER #1	Descript Danfor	of'		E.	P.A. ID No.	1114 7800	18967		
Address City	Richland	7		State	///A_Zip	P	hone			
Transpo	rter No. 1	This is to certify acce	eptance of t	he hazardou	us waste shipme	nt. Date <u>& /</u>	13/84			
<u> </u>	PORTER #2					P.A. ID No.				
Address										
City				State	Zip	Р	hone	 		
Transpo gnatu	orter No. 2	This is to certify acc	eptance of	the hazardo	us waste shipme	ent. Date	 	000353		
TREAT	MENT/STORAGE/D	ISPOSAL FACILITY	****							
7/0/5	This i	s to certify acceptance of	the hazard	ous waste f	or treatment, sto	rage, or di	sposal.			
F/S/D Signatu	FACILII Y	191-19				Date_ 🚍		7		

TRANCDORTER #1 CODV

THIS SHIPPING ORDER must be fagibly Illed in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

MANIFEST DOCUMENT NUMBER

WAC 84-002

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TO:	// h 0/			FROM:		C 4. /	′ , ∩		
	FACILITY Knekavell			Generator	Westing)	course Sto	inford		
Addres	ID Code No. WA 77 00	008467		E.P.A. ID (Code No.			, , , , , , , , , , , , , , , , , , , 	
		Alex	,	Origin .	300 (Inc		<u></u>	· · · · · · · · · · · · · · · · · · ·	
	- Z-410/-		, ,	Phone	6-374.			İ	
Na Shipping Units			HAZAH	D CLASS	Haz Mat. ID, No.	EPA Haz.Waste No.	WEIGHT	LABELS REQUIRED (or Exemption No.)	
16	Empty HN drume	ر 	71 At Regi	elated	MA	NA		Empty	
8	Empty Open top	Nolvens	710t Re	gulated	MA	NIA		Emply	
Z	Empty ail	drums	not Re	quitalied	NIA	NA		Empley	
4	Empty Cutting a	il drema	That Ra	gulated	NA	NIA		Empley	
3	Empty Sodium Hi	draide	Cornered	شع :	UN 1824	D002		Employ	
10	Empty Paint their	ener dueme	A.P.R	To ted	UNI593	1/4		Empty, Da	
	RDS REQUIRED			t				727-011-011	
, , line	agreed or declared value of the property, bereby specifically stated by the ahipper Per	The agreed or declared value		Subject to Section F of the con- on the consigner, the consigner The certier shall not make deci	r shell pign (he following ste very of this thismost without	tonger payment of freight and att o		REIGHT CHARGES EPAID COLLECT	
RECEI		n aftert on the date of the trans o	t this Sill of Ladica	the property described	(Signature of Cons		mind (consents and		
packed under to or any bitt of Shippe and his	IVEU, subject to the classifications and tariffs les unknownly, marked, consigned, and destined the contract) agrees to carry to its usual place or of, said property over all or any portion of said leding terms and conditions in the governing cla- r hereby certifies that he is familiar with all the sastigns.	s indicated above which said carri delivery at said destination, if or routy to destination and as to each salification on the date of shipmen bill of lading terms and condition	er (the word carrier : n its route, otherwise party at any time in t. s in the governing cl:	being undersiged through to deliver to another contents of the state o	hout this contract as- arrier on the route to aid property, that eve d terms and condition	meaning any person on said destination. It by service to be performed agreed to the performance of the service	or corporation in position in mutually agreed a immed hereunder shall to by the shipper and	seasion of the property = se to each currier of all it be subject to all the d accepted for himself	
	TERNATE DESTINATION				IERGENCY				
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E.P.A.	ID Code No			Phone = 73-410 G					
Addres: Destina				National Response Center 1-800-424-8802 in D. C. 426-2675					
Destille	ttion,		CERTIFIC	CATION			111 U. C.	420-2075	
This is for tran	to certify that the above name sportation according to the ap	d materials are prope plicable regulations o	rly classified f the Departn	i, described, penent of Transpo	ackaged, mark ortation and th	ed and labele le E.P.A.	ed, and are i	n proper condition	
Generato Signature) .	, _, _			Date	<u>-23-8</u>	.4	
TRANSF	PORTER #1 RHO	takungantu	Tian			E.P.A. ID No	. KIA 7200	201967	
Address,	- PHO 116	o and							
City	- Kalland	· · · · · · · · · · · · · · · · · · ·			//- Zip		Phone	6654	
	ter No. 1	s is to certify acce	ptance of the	ne hazardous	waste shipn		_		
Signature	11 11 18					Date	<!--</del-->	34	
1	PORTER #2	Mar de	10-1200		······································	E.P.A. ID No	• ———		
Address.	K400 110	2 140	77977	Slate	La Zip	19 : 5.7	Phone C	7860	
	Th	is is to certify acco	eptance of t	 /			U		
Transpor	ter No. 2					Date		2000	
	MENT/STORAGE/DISPOSA	L FACILITY		l:				,	
		rtify acceptance of	the barerds	we weeth for	trastment o	torage or d	ienneal	ļ	
Signatur	e	acceptance of	ule hazardo	yus waste for	Traument, S	Date	<u> </u>		
		TRAN	SPORT	FR #2	CUDA	<i>1</i> ,	7	-BLS-C (6 PLY)	

HAYAKUUUS WASTE MANIFEST ORDER must be tegibly filled in, in ink, in indelible Pendil, or in Carbon, and retained by the Agent. THIS SHIPPING MANIFEST DOCUMENT NUMBER WHC 84-001 10.25A TO: FROM: Karpwell Klantonel T/S/D FACILITY Generator E.P.A. ID Code No. 111 789000 8 E.P.A. ID Code No. Address Address Destination Origin 200 aseas Phone 3-351/ Phone 30/2 No. Shipping Units Haz. Mat ID. No. LABELS REQUIRED (or Exemption No.) EPA Haz.Waste No. HAZARD CLASS WEIGHT D.O.T. PROPER SHIPPING NAME Corridice Emply 16 Sendal Lee material 411759 MATERIA Dichorn UN1759 8 Emply, tommale PLACARDS REQUIRED NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing FREIGHT CHARGES the agreed or declared value of the property. The agreed or declared value of the property PREPAID is hereby specifically stated by the shipper to be not exceeding _Per. RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, packages unknown), marked, constipned, and deathed as indicated above-which satisficatine (the word carrier be under the contract) grees to carry to its usual place of delivery at said deathgation, if on its route, otherwise or any of, said property over all or any portion of said route to deathgation and as to each party at any time intil of Itading lems and conditions in the governing classification on the date of shipmath. Shipper hereby cartifles that he is familiar with all the bill of Isding terms and conditions in the governing classification. ALTERNATE DESTINATION (EMERGENCY ONLY) T/S/D FACILITY. CONTACT Name E.P.A. ID Code No. Phone. Address 1-800-424-8802 National Response Center Destination in D. C. 426-2675 CERTIFICATION This is to certify that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper conditionfor transportation according to the applicable regulations of the Department of Transportation and the E.P.A. Generator Signature TRANSPORTER #1 Address_ State <u>///4</u> Zip. This is to certify acceptance of the hazardous waste shipment, Transporter No. 1 Signature_ TRANSPORTER #2 E.P.A. ID No. Address. City. State____ _ Zip_ This is to certify acceptance of the hazardous waste shipment. Transporter No. 2 Signature, EATMENT/STORAGE/DISPOSAL FACILITY

This is to certify acceptance of the hazardous waste for treatment, storage, or disposal.

T/S/D FACILITY Signature

11,

Date_____

I. GENERATION: The Generator she	ould complete	e Part I and forwa	ird this form t	202	&DT 2-S/200 W ckwell	lest 10-25
A. Generator's Name: Westing ho	url 1	Phone:	Address:		Con	npany: WHC !
A. Generator's Name: Westing ho B. Custodian's Name: RO Henry C. Wasse Description: 115 more than	el!	Phone: 6-3743	Address:	300 aug	Con	npany:
C. Waste Description: (If more than	five items, a	ttach additional s	heets)	W/B79		•
Generic Name	Total	Type of	Number of	(Check		; 1 , Hezard Gloss
A	Ouantity	Container	Containers	Sof. Lia.	Gas	
Studgetal 600	 	35 galdrum	120			Compty
Decedor 653	1	-	 	1 -		
Steammate 2004	 		6	<u> </u>		<u> </u>
3 Desadorn 874	'	_	2 //0	++-		<u></u>
Drivi Theiren	<u> </u>		#10		1	· <u>·</u>
G. Storage Location:	l has been rel	eased by Radiatio	n Monitoring	(if applicable	and the	t Part One of this form
H. "I hereby certify that this materia	I has been rel knowledge."	eased by Radiatio Survey Card No -	n Monitoring	(if applicable	and tha	t Part One of this form
H. "I hereby certify that this materia been completed to the best of my Generator's Signature:	I has been rel knowledge."	eased by Radiatio Survey Card No -	n Monitoring umber: <u>870</u>	(if applicable	and tha	t Part One of this form
H. "I hereby certify that this materia been completed to the best of my Generator's Signature:	I has been rely knowledge." Jenaye	eased by Radiatio	n Monitoring umber: <u>\$150</u>	(if applicable) and tha	1 Part One of this form
H. "I hereby certify that this materia been completed to the best of my Generator's Signature: RAD E I. APPROVAL A. Approved for disposal by Name:	I has been rely knowledge." Jensyel Mary B.	eased by Radiatio	n Monitoring umber: <u>4 40</u> Phone: <u>3-4</u>	(if applicable 653 Date:7	ess 2750-	Part One of this form
H. "I hereby certify that this materia been completed to the best of my Generator's Signature: RAD E. APPROVAL A. Approved for disposal by Name:	I has been rely knowledge." Senaye Mary B. 17-25-84	eased by Radiatio ' Survey Card No	n Monitoring umber: <u>\$150</u> Phone: <u>3-4</u> Signature:	(if applicable 653 Date:7	ess 2750-	Part One of this form
H. "I hereby certify that this materia been completed to the best of my Generator's Signature: RADE I. APPROVAL Ä. Approved for disposal by Name: Date:	Mary B.	eased by Radiatio ' Survey Card No	Phone: 3-4 Signature:sal_Analys	Oate:7	ess 2750-	Pert One of this form Ship 8/10/84 F Co.: Rockwell
H. "I hereby certify that this materia been completed to the best of my Generator's Signature: RADE II. APPROVAL A. Approved for disposal by Name: Date: B. Packaging Requirements (specify C. Disposal Location: Crosser	Mary B. 7-25-84 Ret	eased by Radiatio ' Survey Card No	Phone:3_4 Signature:sal _Analys	Date:7	ess 2750- Asbest	Pert One of this form Ship 8/10/94 F Co.: Rockwe
H. "I hereby certify that this materia been completed to the best of my Generator's Signature: RADE I. APPROVAL A. Approved for disposal by Name: Date: B. Packaging Requirements (specify C. Disposal Location: Crosser	Mary B. 7-25-84 Ret	eased by Radiatio ' Survey Card No We ihs fer to Dispo X Chemical T	Phone:3_4 Signature:sal _Analys	Date:7	ess 2750- Asbest	Pert One of this form Like 8/10/94 F. Co.: Rockwe'
H. "I hereby certify that this material been completed to the best of my Generator's Signature: RADE I. APPROVAL A. Approved for disposal by Name: Date: B. Packaging Requirements (specify C. Disposal Location: Control (check one)	Mary B.	eased by Radiation' Survey Card No. We ins fer to Dispo X Chemical T 212-P (Stor	Phone:3_4 Signature: sal Analys rench	(if applicable 653 Date:7 1033_Addre 7/1au	and that see the see that see the see that see the see that see the see that see the see that see the see that see the see that see the see that see the see that see the see that see the see that see the see that see the see that see the see that	Pert One of this form Ship 8/10/84 F Co.: Rockwe
H. "I hereby certify that this material been completed to the best of my Generator's Signature: R. APPROVAL A. Approved for disposal by Name: Date: B. Packaging Requirements (specify C. Disposal Location: (check one)	Mary B.	eased by Radiation' Survey Card No. We ins Chemical T 212-P (Store	Phone:3_4 Signature: sal_Analys rench agel	Date:7	and that see the see that see the see that see the see	E Co.: Rockwell
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Internal Letter

Date.

September 21, 1983



Rockwell International

No

65950-83- 1475

TO:

(Name Organization Internal Address)
R. E. Callaway

Material

1166/1100 Area

FROM: (Name Organization Internal Address Process H. C. Boynton (3-3516)

Solid Waste Processing &

Disposal Unit

2750E/A104/200E

Subject. .

Approved Disposal Request 4.9 (Rockwell)

The disposal methods for chemical reagents listed on Disposal Request 4-9 is prescribed on the attached Disposal Request Analysis. Instructions based upon chemical compatibilities is provided should reagents be combined in a common overpack. The packaging of unopened chemical containers does not require laboratory packing in metal drums, which is the method used only for unsealed containers.

All packaging, labeling, and marking of waste reagents shall be completed in accordance with Department of Transportation (DOT) regulations (CFR 171-179). A Hazardous Waste Manifest is required to accompany all waste shipments in accordance with 40 CFR 263.

Arrangements for transporting waste materials to the 2727-S storage facility (for forwarding to offsite disposal) and transporting onsite disposal packages directly to the Hanford Non-Radioactive Hazardous Waste Disposal Trench is a generator responsibility and may be implemented upon compliance with the stated disposal request instructions and Hazardous Waste Manifest requirements.

Should you require further assistance regarding the disposition of wastes listed on Disposal Request 4-9, please contact the following Rockwell personnel.

H. C. Boynton

(3-3516)

G. C. Cox

(.3-3679)

D. L. McCall (6-1651)

A. D. Poor

(6-1420)

Solid Waste Processing & Disposal

10:30A.M

gene,

Industrial Hygiene & Safety

(2727-S Coordinator)

Material

Transportation

H. C. Boynton, Engineer Solid Waste Processing & Disposal Unit

HCB/cls

Attachments

Dennistoor hasthe original. This will work

cc w/out attachments:

J. E. Albaugh

G. R. Cox

D. R. Groth

transter

D. L. McCall A. D. Poor

to the original a

REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE

7 1 1 1 1 1 1 1 1 1	<i>,</i> .				·		:2	900
I. GENERATION: The Generator sh	ould complete	Part I and for	vard this form t	o:		kDT S/200 V kwell	Nest	4-9)
A. Generator's Name: R.E. CAL	LAWAY P	hone: 6-090	6 Address: 1	100/1	166	Cor	mpany :RHO	
B. Custodian's Namid .E. CALLAW	<u>AY</u> F	hone: <u>6-7110</u>	Address: 1	100/1	166	Cor	mpany:RHO	·
C. Waste Description: (If more than	five items, at	tach additional	sheets)					
[Total	Type of	1 831-1-1-2-5	1 10	Sheet: O		r	
Generic Name	Quantity	Container	Number of Containers	Sol.	heck O	Gas	Hazard	Class
· SEE ATTACHED LIST	<u> </u>							
2.								
3.			<u> </u>					
4.	-			}			<u> </u>	
·	1,	,	<u> </u>					
D. Have appropriate labels been affix	ed to contains	ers? YES	_Not required _					
C. Have elforts been inade to recyc	le (e.g., excess) waste? <u>YE</u>	S					
6 Has waste been treated in any m	anner? NO	If so, how	?					,
1. Storage Location: 1166 BL								
H. "I hereby certify that this materia	Thas been rele	ased by Radiati	_					
been completed to the bost of my	/ knowledge."	Survey Card N	lumber:	NaT	<u>- 4</u>	<u> </u>	161776	و
Coner nec's Signature: (Pallas	ary.		Date: .	4	6/E	123_	
		//	 					
				,				 ,
APPROVAL	-21/	3)		-11				- 4/35
 Approved for disposal by Name; 			<u>ک کرت کی</u> :Phone				34 <u>-</u> C0::-	RHO_
			Signature:				100 -	
: Probaging Requirements (specify)	ا: الملاحث) المحدد المام الملاحث (المام الملاحث)		The Keller	<u>ر مدا / م</u>	1, 135 G	ZL,1333	14 C13000	10.10
RE Callawayincles								
C Deposal Location:						•	os Trench,	
(dieck one)		212-P (Sto	rage). <u>27</u>	4 / -		Other		
				-				
III. TRANSPORTATION/DISPOSAL					 -			
	Fee	27	11-10		11-7	1	Company	DHO
F (consuporter(s) Name: S		Phone: 5	<u> </u>	ss:	[[]	1	Company	1/110
2 Date Transported/Disposed: 5		754 ()	- Julias					
Contraceporter(s) Signature:	M 24-	Tills					•	
<u> </u>	117		. 				00095	

DISPOSAL ANALYSIS 4-9 (ONSITE DISPOSAL)

Packaging and Waste Manifest information for those chemicals to be shipped to the Hanford Non-Radioactive Hazardous Waste Chemical Trench.

Hazard class and packaging compatibility:

- 3	

DISPOSAL REQUEST NO.	SHIPPING NAME	EPA NO.	ID NO.	LABEL	NO. OF CONTAINERS	CONTAINER TYPE	QUANTITY Per CONTAINER
lammability	Liquid						
1.	Acetone	U002	UNT 090	Flammable Liquid	7	Glass	1 pint
2.	Butyl alcohol	U031	NA1120	Flammable Liquid	31	Glass	1 pound
ombustible L	<u>iquid</u>						
21.	Glycerine (alcohol	NA	UN1 997	None	23	Glass	1 pint
15.	Dextrose analydrous	No	n-Hazardou	s	3	Plastic	1 pound
27.	Potassium dichloride		п		8	Plastic	1 pound
36.	Sodium chloride		II		24	Plastic	5 pounds
40.	Sodium silica		n'		30	Plastic	1 pound

DISPOSAL REQUEST NO.	SHIPPING NAME .	EPA NO.	ID NO.	LABEL	NO. OF CONTAINERS	CONTAINER TYPE	QUANTITY Per CONTAINER
38.	Sodium nitrate	D003	UN1500	0xidizer	1	Plastic	1 pound
42.	Strontium nitrate	D003	UN1507	Oxidizer	9	Plastic	1 pound
44.	Zirconyl nitrate	D003	UN2728	Oxidizer	9	Glass	l ounce
12.	Calcium carbonate	NO	N-HAZARDOU	S	23	Plastic	1 pound
17.	Ferric oxide		ti		48	Plastic	I pound
30.	Potassium phosphate		И		5	Plastic	1 pound
31.	Potassium phosphate		tī		· 2	Glass	1 pound
34.	Sodium acetate		· 11 **	-	3	Plastic	1 pound
35.	Sodium bicarbonate		н		9	Plastic	l pound
ORM-A					,		
7.	Aluminum oxide (ORMA n.o.s.)	NA	NA1693	None	8	Plastic	1 pound
٠8.	Ammonium carbonate	NA	NA9084	None	21	Plastic	1 pound
ORM-B	<i>;</i>		4			·	
26.	Potassium hydrogen sulfate	NA	UN2509	None	1	Plastic	1 pound
ORM-E	į		,				• •
9.	Ammonium chloride	NA	NA9085	None	2	Glass	1 pound
39.	Sodium phosphate	NA	NA9147	None .	4	Plastic	1 pound
40,	Penn salt Cleaner	NA	None	None	19	Fi, berboard	3257bs/dr
4	A-28 Empty drum	NA	Nor-	Vone	1	drum 55gal.drum	Empty

DISPOSAL REQUEST NO.	SHIPPING NAME	EPA NO.	ID NO.	LABEL	NO. OF CONTAINERS	CONTAINER TYPE	QUANTITY Per CONTAINER
Corrosive Ma	terial Acids						
2.	Hydrofluoric acid	U134	UN1790	Corrosive	100	Plastic	1 pound
3.	Sulfamic acid (corrosive solid n.o.s.	NA .)	UN1759	Corrosive	25	Plastic	100 grams
4.	Trichloroacetate (corrosive solid n.o.s.	NA .)	UN1759	Corrosive	79	Plastic	1 pound
Corrosive Ma	terial Base						٠
23.	Lithium hydroxide (corrosive solid n.o.s.	D002	↓ UN1759	Corrosive	5	Plastic	l pound
37.	Sodium hydroxide	D002	UN1223	Corrosive	18	Plastic	5 pounds
<u>Oxidizers</u>							
6.	Aluminum nitrate	D003	UN1438	Oxidizer	וו	Plastic	1 pound
14.	Capric nitrate	D003	NA1479	Oxidizer	16	Glass	1/4 pound
24.	Magnesium nitrate	D003	UN1474	0xidizer	18	Plastiç	1 pound
25.	Magnesium oxide	D003	UN1476	Oxidizer		5-Plastic 6-Glass	l pound l pound
28. ;	Potassium nitrate	D002	UN1486	0xidizer	18	Plastic	1 pound
29.	Potassium permanganate	D002	UN1490	0xidizer	79	Plastic	1 pound
33.	Silver nitrate	D002	UN1493	0xidizer	3	Plastic	4 ounces
							•

4

THIS SHIPPING ORDER must be legibly fiftee Carbon, an	d in, in ink, in indelible Pencil, or indeletion of the Agent.	" MAI	NIFEST D	OCUMENT	NUMBER
,			10	<u>-3/</u>	
	·		<u> </u>		
TO: KHO T/S/D FACILITY <i>CENTRAL CANOFILL CHE</i> T					
E.P.A. ID Code No. 4 789 - 000 - 8967		Code No.		00-89	67
Address HANFORD RES. RICHLAND, WA Destination CHEMICAL TRENCH—CENT L.	Address ANDFILL Origin	202A / 2	MAK	E-UP	
Phone 373-3679	Phone	3-2323			
No Shipping D.O.T. PROPER SHIPPING NAME Units	HAZARD CLASS	Haz Mat IO No.	EPA Haz Wosie No	WEIGHT	LABELS REQUIRED (ar Exemption Na.)
22 POTASSIUM PERMANEANATE	OXIDIZER	UN1490	D003	220±	OXIDIZEK
16 CORROSIVE LIQUID N.O.S (FOSA)2	CORLOSIVE	UN1760	D002	240±	CORROSIVE
15 NITHATE N.O.S. (HN)	OXIDIZER	NA 1477	D003	225#	OXIDIZEK
,			· · · · · · · · · · · · · · · · · · ·		
١,					
PLACARDS REQUIRED					
NOTE - Where the rate is dependent on value, shippers are required to state specific the agreed or declared value of the property. The agreed or declared value is hereby specifically stated by the shipper to be not exceeding - Per		a conditions, if this shipmont to to algors shall sign the following state a delivery of this shipmont without (Signature or Constr	ement payment of traight and all i		REIGHT CHARGES EPAID COLLECT
RECEIVED, subject to the classifications and teriffs in effect on the date of the issue of packages unknown), marked, obstigned/mand destined as indicated above which said card under the contract) spices to carry to its usual prices of delivery stead destination, if on or any of, said properly over all of any portion of said druits to destination and as to each bill of facing terms and conditions to the operating classification on the date of shormand. Shipper hereby carrilles that he is familiar with all the bill of fading forms and conditions and his assigns.	f this Bill of Lading, the property dear or (the word carrier being understood in its route, otherwise to deliver to anoth party at any time interested in all or at in the governing classification and the	Ibed above in epperent go roughout this contract as a ser carrier on the route to y said property, that over yeard property that over yeard terms and conditions	od order, except an ineasing any person- iald destination. It y service to be perfort as a service to be perfort.	noted (contents and corporation in pos- is mutually agreed a primed bereunder shall to by the shipper and	ondition of contents of lession of the property is to each certier of all be subject to all the accepted for himself
ALTERNATE DESTINATION (EMERGENCY (ONLY)	MERGENCY	RESPONS	E INFOAN	TATION
T/S/D FACILITY NONE	CONTAC		FARY (20X	
E.P.A. ID Gode No.		1	-3679	7.00	· · · · · · · · · · · · · · · · · · ·
Address <u>///A</u> Destination //A	National	Response Ce	enter	in D. C.	0-424 - 8802 426-2675
	CERTIFICATION				
This is to certify that the above named materials are proper for transportation according to the applicable regulations of	rly classified, described, f the Department of Trans	, packaged, mark sportation and th	ed and label e E.P.A.	ed, and are in	n proper condition
Generator Signature		····	Date		
TRANSPORTER #1 RHO			E.P.A. ID No	787-	200 - 8967
Address PO BOV 300	State	WA zip 9	7352	Phone 3765-	6178
Transporter No. 1	ptance of the hazardou	us waste shipm	ent. Date	14-84	
TDANSPORTED #2			E.P.A. ID No		
TRANSPORTER #2			=.r.A. ID NO	· · · · · · · · · · · · · · · · · · ·	
City	State	Zip		Phone	_
Transporter No. 2 Ignature	eptance of the hazardo	us waste shipr	nent. Date		
TREATMENT/STORAGE/DISPOSAL FACILITY			<u> </u>		_
T/S/D FACILITY This is to certify acceptance of Signature	the pazardous waste f	or treatment, s	torage, or o	lispe sdi.	16-178

10

GENERATION: The Generator should complete Part I and forward this form to:

WORDT SWP4D 202-3/200 WEST 2750 E /200 E Rockwell

A. G	enerator's Name: Westingho	use p	hone:	Address:		Co:	mpany:
в. с	ustodian's Name: R. D. Hen	syel P	none: 6-3743	Address:	300 A	reaco	mpany: <u>Westinghouse</u>
. W	Jaste Description: (If more than	five items, at	tach additional si	heets)			
	· · · · · · · · · · · · · · · · · · ·	·····		,	1		
	Generic Name	Total Quantity	Type of Container	Number of Containers		ck One) Liq. Gas	Hazard Class
İ	1. HN Hydroxylamanenitr	ate Empty	55 gal.	16			Corrosive
	2. Castic Soda	Empty	55 gal.	A 3			Corrosive
	o Open Tap Drums	Empty	55 gal.	88			Contained Sand
	4. Union Turbine Oil 🕆	Empty	55 gal.	2			Flammahle ?
	5. Cutting Fluid	Empty	55 gal.	4			•
	Love upp apriliate labels been affixed	ed to contain	4557 Yes	/0, Not required			•
			1	recuired . Ces	,-		
	lave efforts been made to recycle	_	2) Avg2(c:				
	las waste been treated in any ma			<u><1 1n.</u>	of flu	<u>1d</u>	
i. S	Storage Location: 300 Area	Boneyard					
۱, '	'I hereby certify that this material	has been rele	eased by Radiatio	n Monitoring	(if applic	able) and th	
	been completed to the best of my						
	201	/	o				
Ger	nerator's Signature:	mayex	<u></u>		Date: _	8-13.	-, 4
					· · · · · · · · · · · · · · · · · · ·		
_	PPROVAL						
	Approved for disposal by Name: _ Date: _	L.F. Li	4 5	Phone: 3 - 4/4	06 A	idress 2750	E Co.: RHO
	. Date: _	8-21-	84	Signature:	7	1:3	tust
	Packaging Requirements (specify)						
		•					
	Disposal Location: See Dis	ocen l	Chamical Ta			Achae	tor Trench
••			Chemical Tr			•	tos Trench,
	(check one) Analys	1511-1	212-P (Stora	age),		Other	•
	<u> </u>		<u> </u>				
			·			<u>.</u>	
7	RANSPORTATION/DISPOSAL			. 3			* .
٠	Transporter(s) Name: T144 E/	14 W To	berephone: 326	886 Kade	ess. 110	0 1816.2	Company K 164
	Transporter(s) Name: <u>Tr24 c/</u> ¹ Date Transported/Disposed:	1 9 23	12. 15 5	Ball	ilo.		
• •			<u></u>	<u> </u>	yes		· 🔨
	Transporter(s) Signature:	<u> </u>	7 / 500	- CM		-	
	· · · · · · · · · · · · · · · · · · ·		1				
							8C-6790-174.1 (

Items 4 &5 - Construction Trench Item 3 - Thosh Tranch Item 142-Chemical Treach (Corrosive) disposal trench for each group of drums: = himmsportation of the appropriate.

ID, as indicated on page 2 of 2.

. Mark the drum with the appropriate

hoppy the appropriate DOT label, as indicated on page 2 of 2, to The drum.

يسعله در في المدوردون المحانس المحانس وسط سعددانسم سعددانسم

DASOTE DISPOSAL

1-11 SISTIANA JAZOSZIG

76ge 1 of 2

Page Z o

P⊅T AZARD CLASS	DISPOSA ITEM NO		JAME	EPA NO.	ID. NO.	LAREL.	NO. OF CONTAINERS	CONTAINER TYPE	OUANT Per CONTAI
d Regulated*	1	(HN Hydrox)	lamine)	MA	NA	None	16	55 galdrum	En
rocive Matria) 2	Sodium H.		•	UN1824	i CORROSIU	e 4	55 galdrum	En
ot Regulated	3	(sand dru	¹	NA	NA	None	6	55 goldram	Ещ
of Regulated	4	(oil dru	<u>ш</u> s)	NA	NA	None	2	55 gal drum	En
ot Regulated		(Cuttin	9 5	NA	NA	None	4	55 galdrum	Em
				· · · · · · · · · · · · · · · · · · ·			<u></u>		
		•							•
		•							•
		•							
•		•							
		•							

Ple	836	print or type. (Form designed for use on elite (12-p	oitch) typewriter.)			Form Approv	ed. OMB No. 2000	0-0404. Expires 7-31-86
				10 8967 Doc	Manifest cument No.	.2. Page 1	Information in is not required	the shaded areas by Federal law.
	3.	Generator's Name and Mailing Address	,	RHO-11-37	7	A. State Ma	nifest Documen	t Number
	4.	609/600 Area Generator's Phone (509) 373-	1409			B. State Ge		14
П		Transporter 1 Company Name	6.	US EPA ID Numb		C. State Tra	nsporter's ID /	VA
[]		ROCKWell Hanford	W	A 189 000 89	767		ter's Phone 6	
П	7.	Transporter 2 Company Name	8.	ŲŞ ĘPA ID Numb	er	E. State Tra		NA
П		<i>NA</i>	Į .	NA		F. Transport	ter's Phone	NA
	9.	Designated Facility Name and Site Address Central Landfill		4.5	-	G. State Fac	cility's ID	VA "
		Chemical Trench	<u></u>	14789 000 89		H. Facility's	Phone 6-6	748
GE	<u></u>	. US DOT Description (Including Proper Ship)	ping Name, Hazard	Class and ID Number)	12. Conta	i To	3. 14. otal Unit antity Wt/Vol	l. Waste No.
NERA	a.	Not Regulated	None '	None	185	DM Emp	ity –	None
TOR	b.	Not Regulated	None	None	. !	M 50	D P	None
	C.	A Section of the sect	1.00					
	đ.	·						
П	ļ	4			l i	į	1 1	
	J.	Additional Descriptions for Materials Listed	Above			K. Handling (Codes for Waste	s Listed Above
		Special Handling Instructions and Addition						
	16.	. GENERATOR'S CERTIFICATION: I hereb above by proper shipping name and are cla transport by highway according to applicat	ssifled, packed, mar	ked, and labeled, and ar	e in all respo	ects in proper	ly described condition for	⊀ Date
H		Printed/Typed Name		Signature &	1 1	4	79.0	Month Day, Year
ľ	Ь.	D. E. Good		1 Well	0074	<u> </u>	XIII	10 18 89
Ā	17	. Transporter 1 Acknowledgement of Receip	t of Materials	, 		<u> </u>		Date
Ĭ		Printed/Typed Name		Signature	0		1	Month Day Year
ğ	10	. Transporter 2 Acknowledgement of Receip	st of Materials	I Carl T	age	93V		
Ě	10	Printed/Typed Name	I OI Materials	Signature	/-			Date (
TRANSPORTER		EARL FLAGO	R	L Signature				Month Day Year
Г	19	. Discrepancy Indication Space						
FAC		,						
ŀ	20	. Facility Owner or Operator: Certification of	receipt of hazardous	materials covered by the	is manifest (except as note	d in Item 19.	Date
Ť		Printed/Typed Name	TOLPS	Signature		Tales		Month Day Year

Style F15-6 Labelmaster, Chicago, 1L 60646 (312) 478-0900

ch

EPA Form 8700-22 (3-84)

MANIFEST DOCUMENT NUMBER

This document refers to

PNL-M-83-003

£,			osai red -84-017.			**			
3	TO:			FROM:	,			<u></u>	
• •		FACILITY Rockwell Hanford Opera	toon	Generato	_	Battelle			
	Addres	ID Code No. <u>HA7-89-000-8967</u> s Richaind , WA		E.P.A. I		Code No. 1		10-8967	·
	Destina		trench	Address Origin		Richland. 6W/300 Ar		.,	
. 1	Phone	Haran Boynton 373-3516	ri ciirii	Phone		ene Hobbs		1631	
80	No Shipping	D.O.T. PROPER SHIPPING NAME	HAZA	RD CLASS	Ţ	Haz, Mat. I.D. No.	EPA Haz.Waste	WEIGHT	LABELS REQUIRED (or Exemption No.)
	Units						No.		(or Exemption ito.)
	1	Waste Metal alloy	Water R	<u>eactive</u>	<u>so</u>	11dUN2813	0001	400#	Flammable
		40% aluminum & 60% Calcium				>		`	solid & Dangerous
				1.		M.			when wet
() () ()								,	
					,				
٦,	PLACA	RDS REQUIRED	_ 						
	, the	are the rate is dependent on value, shippers are required to state speci- agreed or declared value of the property. The agreed or declared valuereby specifically stated by the shipper to be not exceeding Per		on the consigner, the c	-	((liong, if this shipmons is to shull nigh tim fationing stat very of this shipmons without	orem Payment of Traight and Sit		REIGHT CHARGES
		VED, subject to the classifications and tariffs in effect on the date of the Issue	of this Bill of Ladio	2. The Droperty des		(Signature of Consti		noted (contents and	condition of contents of
1.4.1.	packag under l	iss utknown), has/ked, consigned, and destined as indicated above which said can the contract) agrees to carry to its usual place of delivery at said destination, if of, said property over all or any portion of said route to destination and as to ead fading terms and conditions in the governing classification on the date of shipme whereby certifies that he is familiar with all the bill of lading terms and condition assigns.	rier (the word carrier on its route, otherwis in party at any time i	being understood se to deliver to and nterested in all or	ther co ther co any se	hout this contract as a arrier on the route to : ald property, that ever	mezning any person said destination. It y service to be perf	or corporation in po is mulually agreed ormed hereunder she	ssession of the property as to each center of all ill be subject to all the
	ΑĹ	TERNATE DESTINATION (EMERGENCY	ONLY)		ΞV	ERGENCY	RESPONS	SE INFOR	MATION
		FACILITYIONE				Name_JS1			
4,1		ID Gode No.		1		Phone37			
	Addres			Nationa	l R	esponse Ce	enter		0-424-8802
ز	Destina	ation	CERTIFI	CATION				in D. C.	426-2675
3.00	This is for tran	to certify that the above named materials are proper sportation according to the applicable regulations	erly classifie of the Departi	d, described ment of Tran	ıspo	ckaged, mark rtation and th	e E.P.A.		,
	Generato Signature	Jeene Hobbs Tune	7071	066	ر 1		Date	<u> </u>	34
	ì .	PORTER #1				ا	E.P.A. ID No)	···
				State		Zip		Phone	·····
A. S. C. S.	City Transpor Signature	ter No. 1 This is to certify acce	eptance of t					- none	
		PORTER #2		1)	
1	Address			1.					
	City			State		Zip		Phone	
	Transpor Signatur	rter No. 2 e	eptance of	the hazard	ous	waste shipr	nent. Date		
77.		MENT/STORAGE/DISPOSAL FACILITY		;		· · · · · · · · · · · · · · · · · · ·		4	
1	T/S/D F Signatur	FACILITY This is to certify acceptance of	the hazard	ous waste	for	treatment, s	torage, or o	risposal.	<u> -1 /2 S/11 </u>
		TPAN	ISPORT	FR #	2	CUBA	COC	366 7	7-BLS-C_(6 PLY)

TRANSPORTER #2 COPY

THIS SHIPPIN	G UNDER Must be legibly filled	ed in, in ink, in in and retained by the	Agent.	MA	NIFEST D	OCUMEN.	TNUMBER
. +				[RHO	10-	33 B
				<u> </u>	1/110		
							
TO: T/S/D FACILITY	Rockwell Has	Cord	FROM: Generator	R	OCICHI	-11 14	an form
E.P.A. ID Code No.	WA 789-600-8	7767	E.P.A. ID		VA 78	9000	-8967
Address /	Richland WA		Address	Rich	land	WA	
Destination Road	Tracks & Mai	nt 2170	Origin Phone	MIS	ellen 37	2 42 -2 -2 -	5.60
Nn	OPER SHIPPING NAME	UAZAI	······································	Haz Mat	EPA Haz Waste		LABELS REQUIRED
Units U.U.T. PK	UPER SHIPPING NAME	НАХАІ	RD CLASS	FD. No.	Na.	WEIGHT	(or Exemption No.)
3 /4/10!	at 1 0 1	1 1	lone	1/1	None		N
- LKBPI	cating Oil,	/ · · · · · · · · · · · · · · · · · · ·	v-vip	140 FG	1110-12		11000
		<u> </u>	<u> </u>		<u></u>		
		1					
		 					
· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·		,		
			3 4				
			<u> </u>		<u> </u>		
LACARDS REQUIRE			T		· · · · · · · · · · · · · · · · · · ·	····	
 the agreed or declared value 	on value, shippers are required to state specifi of the property. The agreed or declared value		fireject to Beatled 7 of the co- on the consigner, the consigna The corrier Shill me make del	w shall sign the following size			REIGHT CHARGES
is hereby specifically stated	by the shipper to be not exceeding Per			(Signature of Const	prer)		
RECEIVED, subject to the classific	cations and lariffs in effect on the date of the Issue of	of this Bill of Ladin	, the property described	above in apparent go	od order, except as n	oted (contents and	condition of contents of
under the contract) garoes to carry to or any of, said property over all or a bits of fading terms and conditions i	ned, and destined as indicated above which said car to its usual place of delivery at said destination, it o any portion of said route to destination and as to each in the governing classification on the date of shipmer	on its mute, otherwis h party at any time i	e to deliver to another outlier eated in all or any a	serrier on the route to said property, that ever	suid destination. It i y service to be perfo	s mutually agreed in med hereunder she	is to each carrier of all
Shipper hereby certifies that he is fo and his assigns.	in the governing classification on the date of shipmer smiller with all the bill of fading terms and condition	na in the governing c	tessification and the sa	ld terms and condition	a are hereby agreed t	o by the shipper an	d accepted for himself
ALTERNATE DES	TINATION (EMERGENCY	DNLY)	EN	MERGENCY	RESPONS	E INFORI	MATION
			CONTACT				
E.P.A. ID Code No Address		<u> </u>		Phone		1.00	0 424 9002
Destination			National H	lesponse Ce	enter	in D. C،	0-424-8802 426-2675
		CERTIFI	e A L I O I				
This is to certify that the for transportation according	above named materials are prope ng to the applicable regulations g	erly classifie of the Departs	d, described, p ment of Transp	ackaged, mark ortation and th	ed and labele e E.P.A.	d, and are i	n proper condition
Generator		<i>y</i> _,	1			,	,
Signature v			ust		Date	174/	84
RANSPORTER #1	Tim lobery			1	E.P.A. ID		
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FRANSPORTER #2					E.P.A ID No.	1	
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Transporter No. 2					Date		
	E/DISPOSAL FACILITY						
Th	is is to certify acceptance of	the hazard	ous waste for	treatment.s	torage. or A	isposal.	Į
T/S/D FACILITY Signature	7 E DUMA.				Date	77-11	1984
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	L	WASTE MANIFEST	1. Generator's US EPA WA 789 000		Manifest Occument No.	2. Page 1		the shaded areas d by Federal law.
			B-79'	whc-	12-7	A. State Ma B. State Ge	nifest Documen nerator's ID	t Number
		i. Generator's Phone (509) 376- i. Transporter 1 Company Name Rockwell Hant	6.	US EPA ID Nun 789 000		C. State Tra D. Transpor	nsporter's ID /	6-1420
		7. Transporter 2 Company Name	8. pw A	US EPA ID Nun	nber	E. State Tra F. Transport	nsporter's ID ter's Phone	NA NA
	9	Designated Facility Name and Site Address Central Land fill	; 10.	US EPA 1D Nun A <i>7890</i> 00		G. State Fac		NA
	-	Chemical Trench				iners _1	Phone 6-67 3. 14. Unit	1 2.
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	J.	. Additional Descriptions for Materials Listed	Above		_	K. Handling (Codes for Waste	s Listed Above
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	1	5. Special Handling Instructions and Addition	al Information					
			•					
	1	6. GENERATOR'S CERTIFICATION: I hereby	y declare that the conte	ents of this consign	ment are fully	and accurate	ly described	
		above by proper shipping name and are clastransport by highway according to applicab	ssilied, packed, marked le international and na	tional government	are in all respe al regulations.	ects in proper		Date
Ţ	1	Printed/Typed Name/ KD Hensye/ 7. Transporter 1 Acknowledgement of Receip	t of Materials	Signature Holde	usyel	LO	Lust	Month Day Year Date
THANSPORTER		Printed/Typed Name Timothy W Tobe	re	Signature	br.)	luge		Month Day Year
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1 T Y	2	Printed/Typed Name	receipt of hazardous ma	aterials covered by Signature	this manifest e	except as note		Date Month Day Year
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THAYAKUUUS WASTE MANIFEST

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Thi		ument refe RHO approve				L-84-007,					
TO:						FROM:	0-44-79	- Dan	*************************************		
	FACIL ID Co	ie No. WA-8	<u>well Hanfo</u> 9-000-8967		coons	Generator E.P.A. ID (Battella Code No.	e - PNL WA-89-00	0-8967	<i>y</i>	1
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#2	 	dous Waste		· · · · · · · · · · · · · · · · · · ·	ORM-E		ļ		275#	Hazardous	
#3	Waste	Corrosive	Liquid la	bpack	Corros	ive materi	al	 .	360#	Corrostve	<u> </u>
#4	Waste	Flammable	Liquid La	bpack	Flamma	ble liquid			170#	Flammable	11
	NOTE:	#1 &##2	go to the	<u>Central</u>	andfill	Chemical	Trench:	#3 & #4	go to 27	727 <u>\$</u>	
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st #7-25 | IL-84-007 | FIV | r-M-Od-O(| , | |
| | FACILITY Rockwell Hanford Opera
ID Code No. WA-89-000-8967

 | t é ons | FROM:
Generator
E.P.A. ID | Battell | | 20 2067 | |
| Addres | S Richland, WA
ation Central Landfill & 2727S

 | | Address r | Richland,
Buildin | | | |
| Phone | Harlan Boynton 373-3516

 | * | | ne Hobbs | | | |
| No.
Shipping
Units | D.O.T. PROPER SHIPPING NAME

 | HAZA | RD CLASS | Haz Mat
ID. No. | EPA
Hoz Waste
No. | WEIGHŢ | LABELS REDUIR |
| #1 | Waste Flammable Liquid Lab Pack

 | F7 amma | ble Liquid | | | 260# | flammable 1 |
| #2 | Hazardous Waste N.O.S.

 | ORM-E | | | | 275# | Hazardous
Waste |
| #3 | Waste Corrosive Liquid labpack

 | Corros | ive materi | a1 | | 360# | Corrosive |
| #4 | Waste Flammable Liquid Labpack

 | Flamma | ıble liquid | | | 170# | Flammable 1 |
| | NOTE: #1 &##2 go to the Central</td><td>Landfil</td><td>Chemical</td><td>Trench:</td><td>#3 & #4</td><td>go to 2</td><td>727\$</td></tr><tr><th>the</th><th>AHDS REQUIRED none ere the rate is dependent on value, shippers are required to state speci- i agreed or declared value of the property. The agreed or declared valu- hereby specifically stated by the shipper to be not exceeding</th><th></th><th>Subject to Section 7 of the con
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Rockwell Hanford Operations Energy Systems Group P.O. Box 800 Richland, WA 99352



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In reply, refer to letter R84 3524

Mr. R. D. Hensyel Westinghouse Hanford Company W/B-79 Post Office Box 1970 Richland, Washington 99352

Dear Mr. Hensyel:

DISPOSAL ANALYSIS NO. 11-31

Reference: Chemical Waste Disposal Request, September 20, 1984

The Solid Waste Processing and Disposal Unit (SWP&DU) of Rockwell Hanford Operations has completed analysis of the referenced Chemical Waste Disposal Request.

It has been determined that the waste oil listed on your request is not hazardous waste. This oil may be used for dust control by Rockwell Road, Track and Maintenance. Please contact A. D. Poor (6-1420) for arrangements to transfer the oil to Rockwell.

The empty drums (less than 1 inch of liquid) should be sent to the Central Landfill Chemical Trench. Enclosed is a partially completed Uniform Hazardous Waste Manifest. This manifest must accompany the shipment. Before shipment is made, the generator and a representative of SWP&DU must sign Block 16, "Generator's Certification."

After the shipment is completed, the manifest will be returned to me for distribution of the copies.

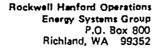
Should you require further assistance regarding the disposition of this material please contact me.

Very truly yours,

L. F. Lust, Senior Engineer

Solid Waste Processing and Disposal Unit

LFL:ra





gg: U 3 1984

In reply, refer to letter R84-3523.

Mr. R. D. Hensyel Westinghouse Hanford Company W/B-79 Post Office Box 1970 Richland, Washington 99352

Dear Mr. Hensyel:

DISPOSAL ANALYSIS NO. 11-33

Reference: Chemical Waste Disposal Request, September 20, 1984

The Solid Waste Processing and Disposal Unit (SWP&DU) of Rockwell Hanford Operations has completed analysis of the referenced Chemical Waste Disposal Request.

It has been determined that the empty drums (less than one inch of liquid) listed in this request are not classified as hazardous waste. They should be transported to the Central Landfill Chemical Trench. Enclosed is a partially completed Uniform Hazardous Waste Manifest. This manifest, properly signed by the generator and a representative of SWP&DU in Block 16, must accompany the shipment.

After the shipment is completed, the manifest will be returned to me for distribution of the copies.

Should you require further assistance regarding the disposition of these drums, please contanct me.

Very truly yours,

L. F. Lust, Senior Engineer

Solid Waste Processing and Disposal Unit

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TRANS	PORTER #1 RHO LANGE	early	tion			E.P.A. ID No	. NA 7800	208967
Address.							······································	
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REAT	MENT/STORAGE/DISPOSAL FACIL	ITY			,			
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Internal Letter

Oate August 24, 1984

No . 46720-84-083

TO: Name Organization Internal Address;

G. R. Cox, EA & M

. 202S/200-West

373-3679

FROM: IName Organization, Internal Address, Phones

G. Y. Hubbs

202A/200-East

373-2323

Subject - Open Request for Disposal of Empty Chemical Containers

Rofs. (a) Letter PS-017-83, May 27, 1983, R. A. Polk to G. R. Cox, "Disposal Requirements of Empty Chemical Containers"

- (b) DSI, June 20, 1983, G. R. Cox to R. A. Polk
- (c) Letter, October 19, 1983, R. A. Polk to G. R. Cox, same subject

I am requesting a renewal for an open request for empty chemical containers for FY-1985, like the ones we had for FY-1983 and 1984. Enclosed are copies of reference letters and DSI. At this time we do not have any added chemicals to be included on list. We are holding 18 empty drums now and will hold these until we receive a new renewal from you. Thank you for your cooperation in this effort.

G. V. Hubbs, Shift Manager PUREX Services

GVH/RLN/cal

cc: W. F. Skiba J. D. McIntosh LB/file

000375

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to:	SAPECU	aris and for we r	i		Rockwell Hanfo	ord Operations		4	Logbook N	o. * // - :	A S
	2750E/2			•	CHEMICAL WASTE C	SISPOSAL REQUES	ST	ì	Manifestfall	Cross-ratesance	<u> </u>
Request	Rockmell od by V. Hubbs				Telephone Number	Address	Company		Manifes	t(s) cros	s-refered
	Signature					11/84 to 10/1	Rockwell 85				
WAS	TE DESCRIPT	nom III MOI	than 12 iten	ns, continue on	the back of this form)						
Item No.	No. of Containers	Container , Volume	Weste Volume	Container	Cher	nical or Trade Name		Solid(S) Liquid(L) Gos(G)	Hazards*	Status**	Disposition and Date
1	1	300 ft ³	300 ft ³	Dumpster	Empty containers			5	00	MT .	
					Sodium Nitrate,	Sodium Nitrite,					
					Sulfamic Acid, (Calcium Nitrate,				·	
					Oxalic Acid an	d potassium perm	anganate				1 1 1 2 1
					•	•					
		•	·	•					•		
	·				•						
	}										N. 52 .

Corrosive - C Flammable - F

Oxidizer - O Explosive - E

Poison - P

Full - F New funused - N

Partially Full - PF

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*** Indicate how man

size are being offered

DISPOSAL ANALYSIS NO. 11-29

ITEM CONTAINER DOT DOT DOT NAME CLASS NUMBER	DOT LABEL	EPA NUMBER	NO. OF CONTAINERS	TYPE OF CONTAINER	QUANTITY PER CONTAINER	Č
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OFFSITE DISPOSAL

		ONSITE DI	SPOSAL	
Sodium Nitrate	Oxidizer	UN1498	N/A	None
Sodium Nitrite	Oxidizer	UN1500	N/A	None
Corrosive Solid, NOS (Sulfamic Acid)	Corrosive Material	759 ואט	N/A	D002
Calcium Nitrate	0xidizer	UN1454	N/A	None
None (Oxalic Acid)	None	None	N/A	None
Potassium Permanganate	Oxidizer	UN1490	N/A	None

	,,,,	mill of type. (Form designed for use of ea	ao (12 pagay type watery				TAPPIOTOS: OINS	110.2000	-0404, Expires 7-31-60
		UNIFORM HAZARDOUS WASTE MANIFEST			lanifest ument No.	1			the shaded areas by Federal law.
	3.	Generator's Name and Mailing Addre	Bravard	RHO-9-19B	·	A. St	ate Manifest Do	cument	Number
Ш			4 w/ 200 west			B. Si	ate Generator's	1D	
			7 <u>3 - 332</u> 6	6. US EPA ID Numbe		0.0		- 1D	····
	3.	Transporter 1 Company Name Rockwell Han		WA 789 000 8			tate Transporter ransporter's Pho		-1420
	7.	Transporter 2 Company Name		8. US EPA ID Numbe		-	ate Transporter		7720
11	Ļ	NA NA		NA			ansporter's Pho		
	9.	Designated Facility Name and Site A		10. US EPA ID Numbe	Pr	G. S	tate Facility's ID		
		Chemical Treuc		11 700 000 C	7 0/-	H. Fa	acility's Phone		
	<u> </u>	Central Landfill		WA 789 000 8	12, Conta	<u> </u>	13.		748
G	Ļ	US DOT Description (Including Property)	er Shipping Name, Haza	ard Class and ID Number)	No.	Туре	Total Quantity	14. Unit Wt/Vol	Waste No.
NERA		14 None	None	None	14	DM	(Empty)	-	None
T 0 H	b.	15 Methyl Ethyl 17 Ketone	Flammabl Liquid	e un 1193	_		Empty)	_	D001
	c.	25 Flammable Liquid Nos	Flammable Liquid	uN 1993	1	DM	(Emply)	-	D001
	d.	Corrosive Liquid, NOS	Corrosive	uN1760	,	D71	(Empty)	-	D002
		Additional Descriptions for Materials Special Handling Instructions and A				К. Па	ndling Codes fo	waste	s Listed Above
	16	GENERATOR'S CERTIFICATION: above by proper shipping name and transport by highway according to a	are classified, packed,	marked, and labeled, and are	e in all resp	ects in	ocurately descr proper conditions	ibed n for	Date
₩	1	Printed/Typed Name		Signature	avar		1114/84		Month Day Year
F	17	. Transporter 1 Acknowledgement of	Receipt of Materials			1			Date
TRANSP	•	_Printed/Typed Name		Signature	110		_	1	Month Day Year
	18	J. A. Alarida C. Transporter 2 Acknowledgement of	Receipt of Materials	y. a a	<u>arur</u>	<u> </u>	<u></u>		Date
ORTER	۳	Printed/Typed Name		Signature					Month Day Year
Ř	L								
FAC-	19	Discrepancy Indication Space							
¦	20	. Facility Owner or Operator: Certifica	ation of receipt of hazard	dous materials covered by thi	s manifest	ехсер	as noted in Item	119.	Date
۲	Г	Printed/Typed Name	< /t-	Signature	11		11-		Month Day Year
	<u></u>	MER HAM	11/07	med !	+am	M	سيس		11 26 84
۵ij	le F	5-6 Labelmaster, Chicago, IL 60646 (2 i 21 4 /8-0900					EP	A Form 8700-22 (3-84)

بنم	Pies	se prin	nt or type. (Form designed for use on eli	te (12-pitch) typewrite	r.)			Form Approved, C	MB No. 2	000-0404. Expires 7-31-96
14	N	U	NIFORM HAZARDOUS	21. Generator's t	JS EPA ID No.	Manifest	22. Pa	ige Informat	on in th	ne shaded
	ī		WASTE MANIFEST		1	ocument No	ا ما	areas is i	not requ	uired by Federal
П	<u> </u>		(Continuation Sheet)	4/A 789	000 8967	•	201			
Ш	23		Brator's Name	•	000 8967 RHO-9	-19B	L. Stat	e Manifest Docu	ment N	lumber
П		ľ.	of Bravard .		******		10.5		<u> </u>	
П		2	704 W/200 West				M. Sta	te Generator's I)	
П	24		sporter Company Name		25. US EPA ID N	umbar	NI Ctm	a Transmistants	10	
11	-	וומוו . כי	Sporter Company Name	1	LWA 789 001			te Transporter's nsporter's Phon		
П	26		sporter Company Name	ra	27. US EPA ID N	umber	1	te Transporter's	•	7-1420
П			- 11		INA			nsporter's Phone		
	-				······································	29. Conta		30. Total	31. Unit	R. Waste No.
	28	HM	OOT Description (Including Proper SI	nipping Name, Haz	ard Class, and ID Numbe	No.	Туре	Quantity	Wt/Vol	Waste No.
	a.		Effected							
П		24	Ethylene Glycol	Nano	Nano		DM	•		
П	<u> </u> _	ļ.,	Glycol	· vone	None		-	2_	G	None
П	þ.	M	Westpower					0		
П		<i>1</i> /x	1	None	Nous		DM	(E. +)	-	None
П	c.	<u> K.</u>	Delevgent	7,707,0	7 1 - 7 - 6			(Ful) (4)		7707
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	ls.	Additi	ional Descriptions for Materials Liste	ad Above			T. Har	dling Codes for	Vastes	L Listed Above
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							1			
	╽┝						L			
	32	. Spec	cial Handling Instructions and Additi	ional Information						
-	H									
١	7									
T	j 33	. Trai	nsporter Acknowledgement of	of Receipt of Mater	ials					Date
	33 33 33		nted/Typed Name	<u> </u>	Signature		./			Month Day Year
	S L	J, E	1. Aldridge			aldai	140	·		11 26 84
Ji	g 34		nsporter Acknowledgement	of Receipt of Mate	rials //		1_			Date /
N		Print	ted/Typed Name		Signature	-				Month Day Year
· 1-		E Die	crepancy Indication Space	<u>-</u>		<u> </u>				
	F 3	o, DISI	crepancy moleation space							[
	<u> </u>									
1	Į.							COCC	7-72	

Pi	éas	e print or type. (Form designed for use on elite (12-	pitch) typewriter.)				Form	Approved. Of	MB No.2000	0-0404. Expires	7-31-86
		UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's <i>WA 789</i>	US EPA 1	D No. 2 <i>896</i> 7	Manifest Document No.	2. P	سمئا م		the shaded a by Federal la	
11	[3	3. Generator's Name and Mailing Address			RH0 13	-5	A. St	ate Manifest	Documen	Number	-
Ш		202 A	Velson 1/200 Eas	4			B St	ate Generato	r's ID		
-		4. Generator's Phone (509) 373	- 2323	•			5, 5,	ato cono. atc	,, 3,10		
	1	5. Transporter 1 Company Name		6.	US EPA ID Nu			ate Transpor			
$\ \cdot\ $	-	Rocicwell Hanford 7. Transporter 2 Company Name		<u> WA</u>						76-142	<u>U</u>
	'	. Transporter 2 Company Name		8. 	US EPA ID Nu	mper		ate Transpor ansporter's P			
Ш	Ę	9. Designated Facility Name and Site Address	\$	10.	US EPA ID Nu	mber		ate Facility's		· · · · · · · · · · · · · · · · · · ·	
П		chemical Landfill									
	L	Oxld	·	WA	789 000		<u> (5</u>		<u> 376 -</u>	674B	
G		11. US DOT Description (Including Proper Ship	oping Name, Haz	ard Class	and ID Number	12. Conta	Type	13. Total Quantity	14. Unit Wt/Vol	Waste N	0.
N E	֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓	Potassium Permangana	le Oxid:	Zer	u n 1491	0 5	DM	13	3 Ft	D00 2	2_
1		. We ste Emot. Nous	^ 11	Δ	1/1						
R		Potassium Permangana waste Empty Drum. Non regulated F	errous su	-er Lean	et - and	10	P₽	73	FE	None	2
	•	in in its	idetyl am	ine	ultrate			· · · · · · · · · · · · · · · · · · ·			
Ш	L	<u> </u>					<u> </u>				
Ш	ſ	d.		*							
Ή.	ļ		•			\			ļ .		
	-	J. Additional Descriptions for Materials Listed	Above				K. Ha	ndling Codes	for Waste	s Listed Abov	/e
Ш	-										
	L							······································			
11		15. Special Handling Instructions and Additio	nal Information								
$\ \ $						•					
- []											
	-	16. GENERATOR'S CERTIFICATION: I here	by doolare that th		te of this consid	nment are full	y and a	ccurately des	cribad		
		above by proper shipping name and are classifications transport by highway according to applica	aśsified, packed,	marked,	and labeled, and	d are in all resp	ects in				
Ш							aut	horized	by	Date	
N		Printed/Typed Name ON/RD L, NECSON		S	ignature	110	\mathscr{S}	XL.	A-	Month Day	Year SU
		17. Transporter 1 Acknowledgement of Recei	ipt of Materials	1/-	mac y,	y as you) - WO		Date	97
FANS	֓֡֞֜֞֜֞֜֞֡֓֓֡֞֜֜֡֓֡֓֜֡֡֡֡֡	Printed/Typed Name		s	ignature -	11 '		1.		Month Day	Year
S	<u>.</u>	TIMOTHY WTOB	CFG		me	vry		- ac		Date	YX.
F	:}	 Transporter 2 Acknowledgement of Received/Typed Name 	ipt or twaterials	S	lignature				<u></u>	Month Day	Year
F											
		19. Discrepancy Indication Space									
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- 1	! -		····	.							··
	֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֡֓֓֡֓֓֓֓֡֓֓֡֓֡	20. Facility Owner or Operator: Certification o	f receipt of hazar	dous mat	erials covered b	y this manifest	except	as noted in it	tem 19.	Date	
)[`	'ㅏ	Printed/Typed Name /	<u></u>	Ţs	Signature 1	0-		3/1		Month Day	Year
L		DF Phelios				<u></u>	/4	ulps		12 4	74
SI	tyle	F15-6 Labelmaster, Chicago, IL 60646 (312) 4	78-0900				-	•	El	PA Form 8700-2	2 (3-84)

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			WA	STE	MAI	ARD VIFES	ST T		. Gene WA	rator's 78 9	US EPA	ID No.	67		lanifest ument No.		age 1			the shaded area: by Federal law.	ıs
	3.	Gene	rator	s Nam	e and	Mailing	Address	s <	:+4			U	INC .	-/2	-158	A. SI	tate Ma	nifest Do	cumen	t Number	
							105 A									B. St	ate Ge	nerator's	ID		
				s Phon				13-	494	10			,			<u> </u>		ين الد			
	5.	Trans	sporte			y Name	L H		C	1	6. LWA		PAIDN					nisporter ters the			_
	7.	Trans	sporte	r 2 Co	mpan	/ Name	1	44	FOF		8. _.		PAIDN					nspok		6-1420	\dashv
H	<u>_</u>	.		N	<u>A</u>							NA						ter's Pri			
	9.		_				Site Add	-			10.	USE	PA ID N	lumbe	r	G. S	tate Fac	cility's ID			
		_	-			rei		•			WA	789	000	89	67	H. F	acility's		6-6	748	
GE	<u> </u>	. US E	ОТ	escrip	tion (/	ncluding	g Proper	Shipp	ing Nam	e, Haz	ard Class	s and IE) Numb	er)	12. Conta No.	iners Type	1 Te Qua	3. otal antity	14. Unit Wt/Vol	l. Waste No.	
N E R	a.	В		idis IId			rosi v.	e		-	zer Sve	N	'A 91	94	1	Dm		-/	4	D007	
A T O	ь.						iquid.	£.			able								<u>~3</u>	W154	T
Ř		e			NO.	5				iqu	'ı d	<u>u</u> .	N19.	93	1	DM		4	4	Dool	,
	c.	D	i -		•	Cort	roslu	9	\$ G		ive	N	491	94	1	DM		/	ξ3	D00 Z	; • I
	d.																				
	J.	Addit	ional	Descri	ptions	for Ma	terials Li	sted A	bove							К. На	ndling (Codes fo	r Waste	s Listed Above	_
	،	Lat	pæ	cks	ce	nta	iuin	9 :	glass	en	d me	etal	con	itai	ners				,		
		Pa	C 15 (ed	in	ver	Mici	211	te.											,	
	15	. Spe	cial H	andlin	g Insti	uctions	and Add	ditiona	i Inform	ation							•				
										,											
	16	GFI	IFRA	TOR'S	CFR'	TIFICAT	FION: Lb	ereby	declare	that th	e conter	ats of th	ie cons	ianme	int are fully	/ and a	ccurate	ly descri	hod		_
	'	abo tran	ve by sport	proper by higl	shipp hway :	ing nan accordi	ne and ar	re clas plicabl	sified, p e intern	acked. ational	marked, and nati	and lat	eled, a	ind are	in all resp egulations	ects in	proper	condition	n for		
	\vdash			yped N							1-	Signatu	re .	٠٠,		Lnsp	ected The	1 64 1 1 1 1 1		Date Month Day Yes	ar
V	_	<u> ٧</u>	25	<u>. C</u>	001	<u>PER</u>	-	_				Thee	00	· //	. Alana	11	129	184		11 29 8	4
TRANSP	17			er 1 Ad yped N	lame		ent of R	eceipt	of Mate	rials	<u> </u>	Signatu	re	.2"						Date Month Day Yes	85
N S p	<u></u>	\ltimes	<u>ٿ</u> .	•	7V	W														12 5 87	Z
ORTER	18			er 2 Ad ped Na		ledgem	ent of Re	eceipt	of Mate	rials		Signation	70 //		2	<i>/</i>	7			Date Month Day Yes	ar l
Ė		Re	220	<u> </u>	7 (7 L	12Ki	148	7 <u>-</u>			DU	ile	il	U	Lexen	ŀζ_			المراكبة الم	
Γ	19	. Disc	гера	ncy ind	licatio	n Space	9														
FACI																					
i L	20	. Fac	ility O	wnero	r Ope	rator: Co	ertificatio	on of re	eceipt of	hazaro	lous mat	erials c	overed	by this	manifest	except	as note	d in Item	19.		
Ť	<u></u>	Prin	ted/T	yped N	lame				<u>.</u>		Ta	Signatu	no1							Date Month Day Yea	
	$oxed{oldsymbol{oxed}}$	Ö,		1	jaine 1 e L	20,						,,	1) /	<i>.</i>	T-1	aly	01		i	15 Ku	, i
	le F1	5-6	Labe	Imaster		go. IL 6	0646 (31	2) 478	-0900						/				EF	A Form 8700-22 (3-4	 -841

	ease pri	nt or type. (Form designed for use on elite (12-pitch) typewriter.)			Forn	Approved. OME	No. 200	0-0404, Expires 7-31-8
		UNIFORM HAZARDOUS WASTE MANIFEST 1. Generator's US WA 789 000	445	Manifest cument No.	2. P			the shaded areas by Federal law.
	3. G	enerator's Name and Malling Address R L Ne1son	. RHO 1	3-9	A. SI	ate Manifest D	ocumen	Number
		202A/200 East			B. St	ate Generator's	s ID	Ţ*,
		enerator's Phone (509) 373-2323 ransporter 1 Company Name 6.	US EPA ID Numb			ate Transporte		Carlottina Anna Carlottina
\parallel			WA :789, 000_8967			ansporter's Ph		5-1420
11	7. T	ransporter 2 Company Name 8.	US EPA ID Numb		E. St	ate Transporte	r's ID	
$\ \cdot\ $	9 0	N/A esignated Facility Name and Site Address 10	N/A US EPA ID Numb		F.ATr	ansporter's Pho	one .	
11	3	ntral Landfill	. US EPA ID NUMB	er	V5	ate Facility's IC	L ty	
.	• 1	emical Trench	WA 789 000 8	967	H. Fe	cility's Phone		Harris III
GE		S DOT Description (Including Proper Shipping Name, Hazaro	l Class and ID Number)	·12. Conta	iners Type	13. Total Quantity	14. Unit Wt/Voi	l. Wasle No.
NERA		Waste Potassium Permanganate Oxidizer	1490 ואט	8	MD	13	-t3	D002
T O A		Waste Empty Drums, Non- + N regulated (ferrous suffamate, hydroxylamine nitrate	lone None	14	DP	102	Ft3	None
	c.	nydroxyramnie interace						
	d.					,		
	J. Ac	dditional Descriptions for Materials Listed Above			K. Ha	idling Codes fo	or Wasto	s Listed Above
		Special Handling Instructions and Additional Information . GENERATOR'S CERTIFICATION: I hereby declare that the c	contents of this consignm	ant are fully	and ac	curately descript	ibad	
	l a	bove by proper shipping name and are classified, packed, ma ransport by highway according to applicable international an	rked, and labeled, and ar	e in all resor	ects in p	proper condition	n for	Date
		Printed/Typed Name	Signature 1 - W	1	1	7-7-1	,L	Month Day Year
T		Transporter 1 Acknowledgement of Receipt of Materials	ronald & II	/X~ C	<u> </u>) Juli	<u>'''/7</u>	Date 77
. Įģ		rinted/Typed Name	Signature / A	7	_	1		Month Day Year
RANSPORTER		Timothy W lobera) June	wy	<u>~</u> 2	leen		12/2/88
l e		Fransporter 2 Acknowledgement of Receipt of Materials	Signature					Date Month Day Year
Ë	'	V V	Cignature	1	,	•	İ	l l
FAC	19. 0	Discrepancy Indication Space .						
Ĭ	20. f	acility Owner or Operator: Certification of receipt of hazardou	s materials covered by th	s manifest e	xcept	as noted in Item	119.	
ļ) -			Date Vac
	'	Printeg/Typed Name	Signature) ξ	1-1	/	01	í	Month Day Year ノム ノル アム
. L	ie F15-6	Labelmaster, Chicago, IL 60646 (312) 478-0900		-/ ¥	W.CY.	<u> </u>	EP	A Form 8700-22 (3-84)

Ā	10,5	UNIFORM HAZARDOUS	Generator's US EPA		lanifest	2. Pag	e 1 Inform	ation in	the shad	ied ar	eas
lΤ		WASTE MANIFEST	WA 789 000 89	67 Doc	ument No.	of	<u> </u>		by Fede		N
1	3.	Generator's Name and Mailing Address R.L. Ne	ເດກ	RHO 13	3-9	A. State	e Manifest Do	cument	Number	•	Į
П		202A/20				B. State	e Generator's	ID			
	4.	Generator's Phone (509) 373-23									
11	5.	Fransporter 1 Company Name	6.	US EPA ID Numbe	er		e Transporter				
	<u> </u>	Rockwell Hanford		<u>789 000 8967 </u>			sporter's Pho		-1420		
	7.	Transporter 2 Company Name	8. [US EPA ID Numbe	er		a Transporter			-	
	9.	N/A Designated Facility Name and Site Addres	s 10.	N/A US EPA ID Numbe			sporter's Pho e Facility's ID				
\	i .	entral Landfill		00 21 11 11 11 11 11 11			o , ao, o ,b				1
		memical Trench	. 1	WA 789 000 89	967		lity's Phone				
П					40 Canta	(509)	<u> 373-67</u>				
GE	11.	US DOT Description (Including Proper Ship	oping Name, Hazard Clas	s and ID Number)	12. Conta No.	Type	13. Total Quantity	14. Unit Wt/Vol	Was	ie No	
N	a.	Waste		1							Ì
E		Potassium Permanganage	e Oxidizer i	UN1490	5	DM	13	t ³	D002	· ·	
A T O	ъ.	Waste Empty Drums, No	n- None	None	<u>}</u>				None		
Ŗ		regulated (ferrous su	Famate.	Movie	14	DP	102	Ft ³	None	!	ļ
Ш	c.	hydroxylamine nitrate					·· <u>·</u>	 			
	"		*** _{**}	, 1	1	1					
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11						ļ					1
	 	Additional Deposits on the Materials Links	Abava		L	V Hond	lline Corlos fe	L Masta	اماناما	Abore	
Ш	J. 1	Additional Descriptions for Materials Listed	Anove			A. Hano	lling Codes fo	r waste	is Listeu .	MDOVE	•
П			•								1
Ш	15.	Special Handling Instructions and Addition	nai Information								
		•									ļ
Ш											}
[16.	GENERATOR'S CERTIFICATION: ! here	by declare that the conte	ents of this consignme	ent are fully	and acc	urately descr	ibed			
		above by proper shipping name and are of transport by highway according to applica					oper conditio	n for			
П	<u> </u>			0:	ap	poor	el Sty			Date	V=
V	Į	Printed/Typed Name		Signature	_	4/1	Lut	11/- 1	Month L	Day I	Year
÷	17.	Transporter 1 Acknowledgement of Rece	ipt of Materials			, <u> </u>	V /max	-//_		ate	
TRANSP		Printed/Typed Name		Signature					Month L	Day .	Year
SP											
P	18.	Transporter 2 Acknowledgement of Rece		O'manti and						ate	<u> </u>
O A T E A		Printed/Typed Name		Signature				1	Month [Jay I	Year
۳	19.	Discrepancy Indication Space	<u></u> !							1	
											1
Ę											
FACILI	<u>_</u>	Castilla Ouron on Orange Castilla Maria	fengalat of hereadous	tariala an area haratt	n monitor'	avaont co	natadie II-	. 10			
Ţ	20.	Facility Owner or Operator: Certification o	receipt of nazardous ma	aterials covered by thi	s mannest	except as	s noted in Item	119.		ate	
١٧		Printed/Typed Name		Signature					Month L	Day	Year

Pie	ıse ş	print or type. (Form designed for use on elite (12-	pitch) typewriter.)			Form Approv	ed. OMB No. 200	0-0404. Expires 7-31-86
		UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA WA 789 000		Manifest Document No.	2. Page 1		n the shaded areas d by Federal law.
$\ $	3.	Generator's Name and Mailing Address R	E Wickersham 72-E/200 Ea	RHO	10-23	A. State Ma	nifest Documer	nt Number
11	١.		•			B. State Ge	nerator's ID	<u> </u>
	_	Transporter 1 Company Name	- 4074 6.	US EPA ID N	umber	C. State Tra	nsporter's ID	
Ш	_	Rockwell Hanf		789 000		D. Transpor		76-1420
11	′	Transporter 2 Company Name	8. 	US EPA ID NI	umber	E. State Tra	<u> </u>	
	9.	Designated Facility Name and Site Address	s 10.	US EPA ID N	umber	G. State Fac		·
		Central Landfill Corrosive Trench	w	9 789 00	08967	H. Facility's		76-6748
	11	. US DOT Description (Including Proper Ship	oping Name, Hazard Cla	ss and ID Numbe	12. Conta	niners 1	3. 14. otal Unit antity Wt/Vo	Vaste No.
ENER	a.	Flammable Liquid Corrosive	Flammable Liquid	UN 292		DM 0.	73	
A T O R	b.							0001
$\ $	c.							
		,						1
	d.	.4						
	Ļ							<u> </u>
		Additional Descriptions for Materials Listed Steel paint bucket	_	rside con	teiner	, i i i i i i i i i i i i i i i i i i i		tes Listed Above 為。
	15	 Special Handling Instructions and Addition 	nal Information					
П							to describe and	
	16 	 GENERATOR'S CERTIFICATION: I here above by proper shipping name and are of transport by highway according to applications. 	assified, packed, marke	d, and labeled, a	nd are in all resp ntal regulations	ects in proper	condition for	Date
H	X	Printed/Typed Name RW F (1)1 c Ke r = h	/	Signature # 2)E	20	PAX	Plax	Month Day Year
TR	17	7. Transporter 1 Acknowledgement of Recei	ipt of Materials	· · · · · · · · · · · · · · · · · · · ·				Date
RANSP		Printed/Typed Name	RONG	Signature	M.		•	Month Day Year レスロロ
Ŕ	18	Transporter 2 Acknowledgement of Rece	ipt of Materials	Cinnatura				Date Month Day Year
ORTER		Printed/Typed Name		Signature				World Day Year
FAC		Discrepancy Indication Space	,					
FACILITY	20). Facility Owner or Operator: Certification o	f receipt of hazardous m	aterials covered	by this manifest	except as note	ed in Item 19.	Date
Ĺ		Printed/Typed Name	S	Signature	08	Tel	1. 10.L	Month Day Year
Sty	lə F	15-6 Labelmaster, Chicago, IL 60646 (312) 4		1,1%	,	,		EPA Form 8700-22 (3-84) DOC 384

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Lie	ase p	rint or type. (Form designed for use on elite (12	t-pitch) typewriter.)			Form Appro	ved. OMB	No. 2000	-0404. Expires 7-31-8
	_	UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EF WA 789 000		Manifest cument No.	2. Page 1 of /			the shaded areas by Federal law.
П	3.	Generator's Name and Mailing Address HA Clark		RHO 13-7		A. State Ma	anifest Do	cument	Number
П		2712-E/200 Fast				B. State Ge	nosolos'n	ID.	
\prod		Generator's Phone (504) 373				B. State Ge	o iojaiem	טו	
$\ \ $	5.	Transporter 1 Company Name	6.	US EPA ID Numb	91	C. State Tra	ansporter	s ID	
H	_	Rockwell Hank	ord w	1.789 000 8	967				6-1420
П	7.	Transporter 2 Company Name	8.	US EPA ID Numb	er	E. State Tra			
П	<u> </u>	<i>NA</i>	<u>-</u> <u>l</u>	NA		F. Transpor		ne	
П		Designated Facility Name and Site Addres	ss 10.	US EPA ID Numb	er	G. State Fa	icility's ID		
П		"Central Landfill	. 1	4		H. Facility's	Phone		
Ш	1	Chemical Treich	ω_i	A 789 000 8	3967	150		76-0	6748
G	11.	US DOT Description (Including Proper Sh		ass and ID Number)	12. Conta	iners` T	13. otal antity	14. Unit Wt/Vol	J. Waste No.
E	a.	Non-Regulated							,
E R A	 	Empty drams	None	None	66	DM 4	82	Ft³	None
T O R	b.	Non Regulated Empty drums		Hone	4	DF :	29	₹3	None
	C.								
	<u> </u>								
П	d.		.					١, ا	
Н	1								
Ш	J.	Additional Descriptions for Materials Liste	d Above			K. Handling	Codes for	r Waste	s Listed Above
П	Ι.	GE Mad I day we 11	C. 1		ĺ	_			
П		66 Metal drums, 4		m s					
П	-	Total Volume 5	11 FL3						
П	_	. Special Handling Instructions and Addition			1	·	·		
H		•							
Ш	1								
П									
Ш	16.	GENERATOR'S CERTIFICATION: I here	by declare that the con	tents of this consignm	ent are fully	v and accurat	elv descrii	bed	
П		above by proper shipping name and are of transport by highway according to applic	lassified, packed, mark	ed, and labeled, and a	re in all resp	ects in prope			
$\ \ $	_				A	pproved	1 by	[Date
H	1	Printed/Typed Name	Mr. M	Signature	·	PA	P. 4	- <u>'</u>	Month Day Year
Ţ	17	Transporter 1 Acknowledgement of Rece	int of Materials			<u> </u>	nes		Date
	 ''-	Printed/Typed Name/	ipt of materials	Signature '					Month Day Year
RANSP		JO THOMY	601	1. b'c :===	Henry	12-10-	- .	. [31715
10	18.	Transporter 2 Acknowledgement of Rece							Date
RTER		Printed/Typed Name		Signature				i	Month Day Year
Ä	<u> </u>	5		<u> </u>					
	19.	Discrepancy Indication Space							
FACI		,	, , , , , , , , , , , , , , , , , , ,		,				
1177		, Facility Owner or Operator: Certification	of receipt of hazardous r	naterials covered by the	nis manifest	except as not	ed in Item	19.	Date
Į۲		Printed/Typed Name	, , , , , , , , , , , , , , , , , , ,	Signature,	AK	l.		_	Month Day Year
	1 4	U.A. CIAKK			Mai	K			12 14 84

Pie	ase p	rint or	type. (Form designed	d for use on elite (1:	2-pitch) typewriter.)					Form	Approve	d. OMB No	. 2000	-0404. Expire	s 7-31-86
			IIFORM HAZA WASTE MANI		1. Generator's WA 789				Manifest cument No.	2. Pa				the shaded by Federal	
\parallel	3.	Gene	ator's Name and M		1.1.		RHO	13-13	3	A. St	ate Mani	fest Doc	ument	Number	
					lelson 1200E					B. St	ate Gene	erator's ID	,		
			rator's Phone (50	9) 373	- 2323					 					
	5.	ırans	porter 1 Company f	vame	ford	6. WA		ID Numb <u>000 8</u>				sporter's er's Phone		16 - 14 2	
	7.	Trans	porter 2 Company	vame 🗶	10-4	8.	US EPA	ID Numb		E. St	ate Tran	sporter's	ID		
	9.	Desig	nated Facility Name	NA e and Site Addre	98	10.		ID Numb	ıpr		ansporte ate Facil	r's Phone	•		<u> </u>
11		_	entral La	•	33	10.	00 4, 7	ib itailio							
		۲.	orrosive T	Treach		W	789	000		$\perp L$	cility's P	<i>376</i>		748	
GE	11.	HM 1	OT Description (Inc			zard Cla	ss and ID N	umber)	12. Conta No.	iners Type	13 Tot Quar	al atity v	14. Unit Vt/Vol	Waste I	No.
N E R	a.		Waste Emp Drums (Fe and hydra	Hy Non-h rrows su Hylomine	Regulated Itamate Initrate	IV.	one 1	Vone	B	DM	117	,	7 ³	Non	૯
A T O	b.		,	. /											
R				····											
П	C.											-			
Ш	L		3 .												
11	đ.		•												
			, ,												
	J.	Additi	onal Descriptions fo	or Materials Liste	d Above					K. Hai	ndling C	odes for \	Waste	s Listed Abo	ove
\prod				•					:						
\parallel															
П	15.	.Spe	cial Handling Instru	ctions and Additi	onal Information										· · · · · · · · · · · · · · · · · · ·
\parallel															i
\parallel											•			-	
П	10	OFN	ESATONIO OESTI	CIOATION: I have	-t de alaus strak				- A nun feette						
	116.	abov	ERATOR'S CERTI re by proper shippin sport by highway ac	g name and are o	classified, packed	i, marke	d, and label	ed, and a	re in all resp	ects in	proper c	ondition f	OL 90		,
	ļ		· · · · · ·		700.0		r		_	<u>ρ ρνο</u>	ved	by	[Date	
V	10		ted/Typed Name HD L・NE	7 <2007	Kon	ale	Signature	Nel	, 	7	177	Gust	- (Month Day	194
Ī	17.	Tran	sporter 1 Acknowle		eipt of Materials									Date	
RANSPO	ነ ት -	Prin	ted/Typed Name)	Tabe	176	Signature	nn	de	· ·	2	hen	ا رد	Month Day ノンDの	Ygar Is V
P	18.		sporter 2 Acknowle	dgement of Rec		<u>"</u>		<u> </u>				1		Date	
A TE		Printe	ed/Typed Name	1		0	Signature						1	Month Day	Year
٦		Disc	repancy Indication	Space			<u> </u>								
F			4.54	,											İ
FAC						J									
Įį.	20.	Faci	lity Owner or Opera	tor: Certification	of receipt of haza	rdous m	aterials cov	ered by th	nis manifest	except	as noted	l in item 1	9.	Date	
 	\vdash	Prin	ted/Typed Name	_//		•	Signature	صح	1/1/	1				Month Day	
L	<u>L</u>		1 80 T	/ hell	<u>, s</u>				The	40s				12 10	174
Sty	/ie F1	5-6	Labelmaster, Chicago	o, IL 60646 (312)	478-0900			/	7	•			EF	A Form 8700-	22 (3-84)

THIS	SHIPPING ORDER MUST be tegibly fill Carbon.	ed in, in ink, in inc and retained by the	delible Pencil, or in Agent.		MA	NIFEST D		NUMBER
			ument refe posal requ 3-025		<u></u> F	NL-M-83-	009	
TO:		-	FROM:					
	FACILITY Rockwell Hanford Operat ID Code No. WA-89-000-8967	ion	Generator E.P.A. ID (<u>e - PNL</u> WA-89-00	n_8967	
Addres	s Richland. WA 99352	j	Address	Ric	hland	. WA 99	352	
Destina		trench				t/3000 A		
No Shipping Units	Harlan Boynton 373-3516 D.O.T. PROPER SHIPPING NAME	HAZAF	TO CLASS	Haz	Mat Nu	S 375-16 EPA Haz Waste No	WEIGHT	LABELS REQUIRED (ar Exemption No.)
<i>5</i> 9	FRIT 200 MESH Anhydrous borax	UNRE Unregu	g <i>u le tal</i> lated				5592	
3	Sodium nitrate	oxidiz		UN	1498	D003	55 ga1	oxidizer
3	Waste sodium nitrate .	oxidiz	er	UN	1498	D003	30 gal	oxidizer
2	Waste corresive solids n.o.s. (boric acid)	corros	ive mat.	UN	1759	d 002	55 gal	corrosive
2	Waste corrosive solids n.o.s. (boric acid)	corros	ive mat	UN	1759	D002	30 gal	corrosive
8	Waste sodium nitrite RDS REQUIRED	oxidiz	er	UN	1500	D003	30 ga1	oxidizer
NOTE - WM	ere the rate is dependent on value, shippers are required to state speci-		Subject to Section 7 of the con-				n without recovery [F]	EIGHT CHARGES
	agreed or declared value of the property. The agreed or declared value ereby specifically stated by the shipper to be not exceeding	e of the property	File chirler shall age make deti	very of this	chiament without	payment of traight and all o	PRI	EPAID COLLECT
RECSI Packag under i or any bill of Shippe and his	VED, subject to the classifications and farite in effect on the date of the lause enumerous, matted, consistence that extended the control of	of this Bill of Lading rier (the word carrier on its rouse, otherwis in party at any time in nt. is in the governing c	is, the property described being understood through a to deliver to another c interested in all or any s- tessification and the sal	sbove in hout this sarrier on aid proper d terms s	epparent got contract as a the route to a riy, that ever nd conditions	ed order, except as researching any person s laid destination, it y service to be perfo I are heraby agreed t	oted (contents and c of compention in pos- is mutually agreed a rmed heraunder shall o by the shipper and	ondition of contents of lession of the property is to sech carrier of all be subject to all the accepted for himself
	TERNATE DESTINATION (EMERGENCY	ONLY)	` ````		ENCY		E INFORM	TATION
	FACILITY <u>none</u> ID Code No		CONTACT			<u>leene</u> 376-1631		
Address			National R	Pho: espo			1-80	0-424-8802 426-2675
Destina	ition	CERTIFI	<u> </u>				in D. C.	426-2675
	to certify that the above named materials are prope sportation according to the applicable regulations of	erly classifie	d, described, pa				ed, and are in	
Generato Signature		2400-C				Date		
	PORTER #1				E	.P.A. ID No	•	
Address.								
Transpor	ter No. 1 This is to certify acce	eptance of t			• -	_	7none	proper condition
Signature			····			Date		
	PORTER #2				E	P.A. ID No	•	
City					Zip	1	Phone	
enspor	rter No. 2	eptance of	the hazardous	wast	e shipn	nent. Date	**************************************	
	MENT/STORAGE/DISPOSAL FACILITY	:	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·			
	This is to certify acceptance of	the hazard	ous waste for	treati	ment, s	torage, or d	Isposal.	. , ,
- ១ ខ្យាម បោ	E Hops	1 ()						Construction of the Constr
	TOALC	יות היוי	4.4 TT-4 C		- <i>-</i> 	びびし	JOB A.	

THIS	SHIPPING	ORDER
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must be legibly filled in, in ink, in Indelible Pencil, or in Carbon, and relained by the Agent.

MANIFEST DOCUMENT NUMBER

PNL-M-83-009 page 2

TO:		· · · · · · · · · · · · · · · · · · ·	FROM:				
-	FACILITY Rockwell Hanford Operat	ions	Generator	Battelle			
E.P.A.	ID Code No. WA-89-000-8967		E.P.A. ID (Code No.	WA-89-0	00-8967	
Addres	s Richland, WA 99352		Address R	ichland,	WA 9935	2	
Destina	ntion Central Landfill - chemical	trench	Origin		lot/ 30		
Phone	Harlan Boynton -373-3516		Phone	<u>Jeene Ho</u>	bbs 376	-1631	
Nu Shipping Units	D.O.T. PROPER SHIPPING NAME	HAZAR	D CLASS	Haz Mat 10. No.	EPA Haz Waste No	WEIGHT	LABELS REQUIRED (or Exemption: No.)
1	Waste sodium nitrite mixture .	oxidize	er	UN 1500	D003	55 gal	oxidizer
4	Waste corrosive solids n.o.s (boric acid frit soda ash, silica		ve mat.	UN 1759	D 86 2	55 gal	corrosive
\$4	Waste corrosive solids n.o.s. (boric acid, annydrous, and brown	corros	ve mat	UN1759	D882	30 gal	corrosive
1	Waste corrosive solids n.o.s. mi		ive mat	UN 1759	D002	55 gal	corrosive
4	(boric acid, borax, & KNO ₃) Waste sodium nitrate mixture	oxidiz		UN 1498	D003	30 ga1	oxidizer
4	(boric acid, sand, frit, borax, Borax, sand, frit, & MT bags	Unregu		الرسوييس			
	RDS REQUIRED 7 PLASTIC DOUN	1555	7		Dudge		OX10137
≥ ithe	are the rate is dependent on value, shippers are required to state specification of declared value of the property. The agreed or declared value before to be not exceeding		Solvect to Section 7 of the con- on the consigner, the consigner The corrier shall nor make doll	shall sign the following stat	efent.		REIGHT CHARGES Epaid collect
	Per			(Signalure of Comi			
Shippe	IVED, subject to the classifications and farific in effect on the date of the Issue resumblown), marked, consigned, and destined as indicated above which said control to the control of t	of this Bill of Lading ler (the word carrier a its route, otherwise a party at eny time in the governing of a in the governing of	, the property described being understood through a to deliver to another of iterated in all or say as assification and the sai	above in apparent go hout this contract as arrier on the route to aid property, that ever d terms and condition	od order, except as a meaning any person i said destination. It y service to be perio a are hereby agreed	noted (contents and on corporation in posits or corporation in posits o	consists of coments of session of the property the session of the property the session of the property the session of the sess
AL	TERNATE DESTINATION (EMERGENCY	ONLY)	EN	ERGENCY	RESPONS	E INFORM	NATION
T/S/D	FACILITY		CONTACT	Namgeene	Hobbs		
E.P.A.	ID Code No.			Phone _37(·
Addres			National R				0-424-8802
Destina	ation					in D. C.	426-2675
for tran	to certify that the above named materials are prope sportation according to the applicable regulations of	rly classified of the Departm	d, described, pa	ackaged, mark ortation and th	ed and labele e E.P.A.	ed, and are i	n proper condition
Generato Signature	Jeene Hobbs & Line /	22/06	les_		. Date		
	PORTER #1 _ face of hung			ا جــــــــــــــــــــــــــــــــــــ	E.P.A. ID No	* <u></u>	<u></u>
Address,			State	Zip		Phone	
Transpor Signature	ter No. 1 This is to certify acce	•		·	ent. Date	•	
							
	PORTER #2				E.P.A. ID No	·	
				Zip		Phone	
Transpor	rter No. 2 This is to certify acc	eptance of t	he hazardous	waste shipi	πent. Date		1
	MENT/STORAGE/DISPOSAL FACILITY	1		<u></u>	····		
T/S/D F	ACILITY This is to certify acceptance of	the hazardo	ous waste for	treatment, s	torage, or o	rsposal.	· 4
,	TDANG	DODTE	D #1 C	NDV	C OC38	38	THE REPORT OF THE PERSON OF TH

THIS	SHIPPING ORDER must be legibly lille Garbon. 8	ed in, in ink, is in and retained by the	delible Pencil, or in Agent.	MA	NIFEST D	OCUMENT	NUMBER
	,				RHO-	11-22	
	•		•	L		<u> </u>	
ŤO:			FROM:				
T/S/D	FACILITY ROCKWell Han-		Generator		OCKWE	11 Ita	nford
E.P.A. Addres	ID Code No. WA 789-000-896	7	E.P.A. ID	Code No.	WA 789	7-000-9	3967
Destina	ation Chemical Treach		Origin				
Phone	LF Lust 373-1802	· 1		L, Guer		2351	LARCIA RECURSO
Shipping Units	D.O.T. PROPER SHIPPING NAME	HAZA	RD CLASS	Hat: Mat. ID. No.	EPA Haz Waste No.	WEIGHT	LABELS REQUIRED (or Exemption No.)
7/	End to Fruit	ORA	 7	4.0 4 7.0			110xx ==
26	Fenanine (Empty,	- ORA	1 <i>-A</i>	NA 3765	<u>u230</u>		NONE
	triple rinsed)						
.,	Dry waste-triple bagged	ORM	- A	NA 1765	4232		NONE
	77						
1		 	····· -				
							
	ARDS REQUIRED	· · · · · · · · · · · · · · · · · · ·					
the	ere the rate is dependent on value, shippers are required to state specific agreed or declared value of the property. The agreed or declared value has been supported to the specific of the property.		on the consigner, the consign	onditions, if this shipmon is to nor staif sign the fallowing stai Hivory of this shipmons without	ome of	F - 1	REIGHT CHARGES : Epaid Collect
\$_	hereby specifically stated by the shipper to be not exceeding Per Per			(Signature of Cons)	(profet)		
RECE packs under	EIVED, subject to the classifications and tariffs in effect on the date of the issue or ges unknown), marked, consigned, and destined as indicated above which said carr the contract) agrees to carry to its usual place of delivery at said destination, if or	of this Bill of Ladin ler (the word carrie o its route, otherwi	g, the property describe being understood throuse to deliver to enother	id above in apparent go ighout this contract as carrier on the route to	ed order, except as r meaning any person o said destination. It	noted (contents and correction in pox is mutually agreed a	condition of contents of cassion of the property is to each carrier of all
or any bilt of Shippe and hi	EIVED, subject to the classifications and tariffs in effect on the date of the issue of gas unknown), marked, consigned, and destined as indicated above which said can the contraction agrees to carry to its usual place of delivery at said destination, if of (a), said property over all or any portion of said route to destination and as to each if adding terms and conditions in the governing classification on the date of shipmen are hereby certifies that he is familiar with all the bill of lading terms and condition is assigns.	h party et any time : it. s in the governing c	interested in all or any classification and the si	said property, that ever aid terms and condition	y service to be perfe s are hereby agreed t	rmed hereundor shall o by the shipper and	i be subject to an the
		ONLY)		VERGENCY	RESPONS		
	FACILITY N/A		CONTACT		GR Co	-	
E.P.A. Addres	ID Code No.	<u> </u>	Notional F		<u> 373-36</u>	79	0-424-8802
Destin			<u> </u>	Response Ce	enter	in D, C.	
This is	s to certify that the above named materials are prope		CATION d. described, r	packaged, mark	ed and label	ed, and are in	n proper condition
for tran	reportation according to the applicable regulations of	f the Depart	ment of Transp	ortation and th	e E.P.A.		,
Generate Signatur	or Lucy X	21-	Tust	9/6/84	Date		
TRANS		1 deRS		1	E.P.A. ID No	41A-78	9-00-8967
Address	2707 W 200 WEST		State I	VA_Zip		hone3	-2351
	This to certifusce	ptance of t		- •	ent.		
Transpo Signatur	rter No. 1 / 2 / / /				Date	7 -/3-	84-
811	PORTER #2				E.P.A. ID No	•———	
Address City			State	Zip		phone	
	This is to certify acc	eptance of	—				
Gignatur	rter No. 2		· · · · · · · · · · · · · · · · · · ·		Date		
TREAT	MENT/STORAGE/DISPOSAL FACILITY						
T/S/D Signatur	FACILITY This is to certify acceptance of	the hazard	ous waste for	r treatment, s	torage, or d	sposal.	-1984
		PORT	D #1 C	NDV	coc	ج ج	ABLESTE A BLY

Pie	289	print or type.	. (Form design	ed for use on elite (12	!-pitch) typewriter.)			1	For	n Approv	ed. OMB	No. 2000	J-0404. E	Expires	7-31-86
		WA	ORM HAZ ISTE MAN	IIFEST	1. Generator's WA-789-			Manifest Document No.	2. F o	Page 1		ation in equired			
	3.	Generato	r's Name and I	Mailing Address んりょ	tensyel		WHC	-11-31	A, S	tate Mai	nifest Do	cument	Numbi	er 4	
	4.	Generator	r's Phòne (WIB WH	tensyel -79 (501)	374	6-3743	,	B. S	tate Ger	nerator's	ID	NA		:
П	5.		er 1 Company	Name	•	6.	US EPA ID N		c. s	tate Tra	nsporter	's ID	NA		
П	L		OCKWE		<u>r d</u>	W	A-789-000	-8967	D. T	ranspor	ter's Pho	ne 3,7	76 - 1	142	0
H	7.	Transport	er 2 Company	Name		8,	US EPA ID N	umber			nsporter		NA		
\prod	L		<u> </u>	<u> </u>		<u> </u>	<u> </u>		F. T	ransport	er's Pho	ne	NA		
	9.	Centure Centure	ed Facility Nam	ne and Site Addres	is	10.	US EPA ID N	umber			ility's ID		NA		
		Cher	mical T	reach		WI	A-781-000-			acility's	Phone *	6-6	574	8	
Q	11	. US DOT I	Description (In	ncluding Proper Sh	ipping Name, Haz	zard Cl	ass and ID Numbe	nr) 12. Conta	iners Type	, 1 To Qua	3. otał antity	14. Unit WI/Vol	Wa	I. aste N	о.
NERA	a.	C	il, nos.	Combust	ible Liqu	id	NAIZT	9 34	DM	Emp	ty		14	one	2
T 0 R	b.						·								
	c.				·····		-							,	
	d.						-						<u> </u>		
П		1 1					-			l		1 1	1		
Ш	J.	Additional	Descriptions	for Materials Liste	d Above			<u>'</u>	K. Ha	indling (Codes fo	r Waste	s Lister	d Abov	/e
П															
П	ł														
П		•	`*.	•									•		
П	15	. Special I	Handling Instr	uctions and Addition	onal Information										
П								,							
П															
Н															
П	18	CENED	י אדחסיפ רבסד	IFICATION: I here	hy doolare that t	Ma con	tonto of this canal	anmont are fully	ond r		lu danan	المعمار			
Ш	"	above by	/ proper shippi	ing name and are c	lassified, packed	, mark	ed, and labeled, at	nd are in all resp	ects in	proper	condition	n for			
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PNL-M-83-008 page 2

TO: ITS/ID FACILITY Rockwall Hanford Generator Sattol 1e - PNL E.P.A. ID Code No. MA-89-000-8967 E.P.A. ID Code No. MA-89-000-8967 Address Helpland, May 99352 Address Richland No. 99352 Destination Central landfill - chemical trench/Origin 324 Bidn/300 Area Phone Harlan Boynton 373-3516 Phone Jene Hobbs 366-1631								
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Internal Letter



Date

September 5, 1984

TO.

Name Organization, Internal Address)

M. J. Kelley 271-B/200 East

65950-84-526

FROM: IName Organization, Internal Address, Phone)

· L. F. Lust

Solid Waste Processing

' & Disposal Unit

3-4802

APPROVED DISPOSAL REQUEST 10-33 (ROCKWELL)

Reference: Application to Dispose of Nonradioactive Hazardous Waste, M. J. Kelley, July 23, 1984

The Solid Waste Processing and Disposal Unit has completed review of referenced Disposal Request 10-33. The disposal method for these wastes is outlined on the attached "Disposal Analysis 10-33."

All packaging, labeling, and marking of the waste materials shall be completed in accordance with the prescribed instructions which are based on Department of Transportation (DOT) Regulations 49 CFR 171-179. A Hazardous Waste Manifest is required to accompany all waste shipments in accordance with 40 CFR 263.

It should be noted that two drums of oil are designated for Offsite Disposal as bulk liquid because the presence of trace amounts of PCB preclude use on roads for dust control. However, since the PCB concentration is less than 50 ppm, this oil is not regulated as PCB contaminated.

Arrangements for transporting waste packages to the 2727-S storage facility (for forwarding to offsite disposal) and for transporting nonhazardous oil to Rockwell Road, Track and Maintenance is a generator responsibility and may be implemented following compliance with Disposal Analysis 10-33 instructions and preparation of the Hazardous Waste Manifest. Contact A. D. Poor (6-1452) for transport arrangements.

Inspections by Rockwell of package content and integrity will be made as required to certify that the waste is prepared in the manner designated on Disposal Analysis 10-33. Failure to package in the manner described in the Disposal Analysis 10-33 will result in suspension of disposal privileges for the offending facility.

Should you require further assistance regarding the disposition of wastes listed on Disposal Analysis 10-33, please contact me.

L. F. Lust

Solid Waste Processing & Disposal Unit

LFL:ra

Att.

cc: D. R. Groth w/att246.

.. A. D. Poor w/att

000393

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REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE 10-43

						Roci	kwell	Nex 1750 E/200 E
. Generator's Name:	<u>C. Venezi</u>	ano	Phone: 6-6131	Address:	747 E	31dg.	, , 	mpany: HEHF
. Custodian's Name:	same		Phone:	Address:			Cor	mpany:
. Waste Description:	(If more than	five items, a	ttach additional si	neets)				
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DIGOING LTR. NO. 184-29 36 16-56-57 (FR. 97

Rockwell Hanford Operations Energy Systems Group P.O. Box 800 Richland, WA 99352



REPLY DUE

CTION

SEP 0.5 1984

In reply, refer to letter R84-2936

Ms. Cynthia Veneziano Environmental Health Sciences Hanford Environmental Health Foundation Post Office Box 100 Richland, Washington 99352

Dear Ms. Veneziano:

.

DISPOSAL REQUEST 10-43

Reference: Application to Dispose of Nonradioactive Hazardous Waste. C. D. Veneziano, July 31, 1984

Rockwell Hanford Operations (Rockwell) has completed review of referenced Disposal Request 10-43. The disposal method for these wastes is outlined on the attached "Disposal Analysis 10-43."

All packaging, labeling, and marking of the waste reagents shall be completed in accordance with the prescribed instructions which are based on Department of Transportation (DOT) Regulations 49 CFR 171-179. It has been determined that this is a non-regulated waste, which does not require a Hazardous Waste Manifest.

Arrangements for transporting waste materials directly to the Hanford Nonradioactive Hazardous Waste Disposal Trench is a generator responsibility and may be implemented following compliance with Disposal Analysis 10-43 instructions.

Inspections by Rockwell of package content and integrity will be made as required to certify that the waste is prepared in the manner designated on Disposal Analysis 10-43. Failure to package in the manner described on Disposal Analysis 10-43 will result in suspension of disposal privileges for the offending facility.



Ms. Cynthia Veneziano Page 2 SEP 0 5 1984

Should you require further assistance regarding the disposition of wastes listed on Disposal Analysis 10-43, please contact me on 3-4106.

Very truly yours,

L. F. Lust

Solid Waste Processing & Disposal Unit

LFL:ra

Att.

cc: D. R. Groth

A. D. Poor

REQUEST	TO	DISPOSE	OF	NONRADIOACTIVE	HAZARDOUS	WASTE

A. Generator's Name: The Roman And Class Rockwell A. Generator's Name: The Roman And Roman And Francis Rockwell A. Generator's Name: The Roman And Roman And Roman And Roman And Roman R								\
B. Custodian's Name Emoty & Tuble Bone B	I. GENERATION: The Generator sho	ould complete	Part I and forw	ard this form	20	2-S/200 West	(4-15)	
D. Have appropriate labels been affixed to containers?	B. Custodian's Name Emory & L	ubblefiel	Mn 525-5	7Address:				<i>∐</i>
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D. Have appropriate labels been affixed to containers?	3.							
D. Have appropriate labels been affixed to containers?	4.							
E. Have efforts been made to recycle (e.g., excess) waste? N/A F. Has waste been treated in any manner? No If so, how? G. Storage Location: Central Landfull If it is in hereby certify that unis material has been released by Radiation Monitoring (if applicable) and that Part One of this form been completed to the best of my knowledge." Survey Card Number: Date: Open Request Generator's Signature: Mechael W. F. Long Date: Open Request I. APPROVAL A. Approved for disposal by Name: G. R. Cox Phone: 3-3679 Address 202-5/200-W.co.: Rock William Date: 6/22/83 Signature: Request: note, numerous Date (edges) Dat	5.			<u> </u>				
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ı. g	ENERATION: The Generator show	ıld complete F	Part I and forwa	ard this form	io:	WS&DT 202-S/200 W Rockwell	est 6-3	39)a
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8.	Custodian's Name: <u>Garlenowa</u>	nson_Ph	one: <u>34777</u>	Address:	00-1	Com	pany: Same	
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	PPROVAL							44
A.	Approved for disposal by Name: Date:	Gary R.	Cex	Phone: 3-36	19_	Address 222-T	200-Mco.: Ruck	well
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I. <u>G</u>	ENERATION: The Generator sho	ould complete Pa	art I and forwa	ard this form t	to:	WS&DT 202-S/200 \ Rockwell	Nest $6-39$	b)
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В.	Custodian's Name: Glailen Sw	anson pho	ne:3-1977	Address:	100-	B co	mpany: Same	
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G.	Storage Location:	3 10	OB an	en				
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-	APPROVAL							
Α.	Approved for disposal by Name:	Gary R.C	⊃≾	Phone: <u>3-3(</u>	<u> </u>	Address 222-	/200-Wco.: Rock	(well
	Date: =	In. 18,19	84	Signature: 🛁	<u> </u>	R.C.	×	
8.	Packaging Requirements (specify)	Double 1	2299Ed	and well	हरी			
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Ш.	TRANSPORTATION/DISPOSAL							
Α.	Transporter(s) Name:		Phone:	Addr	ess:		Company	
В.	Date Transported/Disposed:						-	
C.	Transporter(s) Signature:							

						
I. GENERATION: The Generator s					WS&DT 202-S/200 W Rockwell	
E. 54. 640 C	111	525 53	72 539	-0 ff-1	is c'at	
A. Generator's Name: Stubble f. B. Custodian's Name: Gailen Si	- C4 C6 P	hone:	Address:	all a	Com	ipany: <u>Sidaky</u>
B. Custodian's Name: (1711en Di	ng v 20v d	hone: <u>3-197</u>	Z_Address: _i	<u>00-</u> E	Com	ipany: Same.
C. Waste Description: (If more tha	n five items, at	tach additional :	sheets)			
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F. Has waste been treated in any	manner? <u> </u>	If so, how?	·			
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II. APPROVAL	A 0.4		~ ^	c~a		
A. Approved for disposal by Name	: Gary R.C	oxx	Phone: 3	619	Address 272-I	1200 Nockwell
Date:	Jan 18,1	<u>984 </u>	Signature: 2	755	Z CX	·
B. Packaging Requirements (specific	vi: Doubl	e bagge	dande	TI CH	<u>~d</u>	
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C. Disposal Location:		Chemical T				Ç- "
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III. TRANSPORTATION/DISPOSAL	•					
A. Transporter(s) Name:		Phone:	Addr	ess:		Company
8. Date Transported/Disposed:		····				
C. Transporter(s) Signature:		····				

I. GEI	NERATION: The Generator she	ould complete	Part I and forw	vard this form	to:	WS&DT 202-S/200 V Rockwell	Vest $\left(6-39\right)$	
	E \$1661	. I: 11/6	525"53"5	2. 535	7:F.5	wen Ad.		
A. G	enerator's Name: <u>E. S.74661</u> ustodian's Name: <u>Gai Ten S.</u>	e Tis ed to	hone:	Address: 7-7	2 /L	<u>, ≁ </u>	npany: Korr	
B. Cu	ustodian's Name: <u>(AU 1611)</u>	nguzou b	hone: <u>3-11-1</u>	Address:	Ω-F	Cor	mpany: Same	
C. W	aste Description: (If more than	five items, att	ach additional	sheets)				
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G. St	orage Location:	1 DA	100	D are	<u> </u>			
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Α. Α	approved for disposal by Name: Date:	ASIN KY	_0X	Phone: <u>573(</u>	777	Address <u>ZZZ-</u>	12004/co.: <u>Rocki</u>	אפון
	Date:	Jan 18,	14 <u>84 </u>	Signature: 💃	Jar	m Kilox	·	
В. Р	ackaging Requirements (specify	: Double	bagge	d and	siett	ed		
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_	RANSPORTATION/DISPOSAL							
A. T	ransporter(s) Name:		Phone:	Addr	ess:		Company	
В. С	Date Transported/Disposed:							
С. Т	ransporter(s) Signature:	<u> </u>						

I. GENERATION: The Generator	should complet	e Part I and forwa	erd this form i	to:	WS&(202-S Rock	/200 W	est (9-15)	
A. Generator's Name: L. L.	CRASS	Phone: <u>3-312</u>	ZAddress:	114	100	∑ L Com	pany: UNC	
B. Custodian's Name:		Phone:	Address:			Com	pany:	
C. Waste Description: (If more th								
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Generic Name	Total Quantity	Type of Container	Number of Containers	Sol.	heck On	Gas	Hazard Class	
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D. Have appropriate labels been af E. Have afforts been made to recome. F. Has waste been treated in any G. Storage Location: 100-F. H. "I hereby certify that this mate been completed to the best of Generator's Signature:	manner?	o If so, how?	n Monitoring	(if appl	icable) a	and that	Part One of this for	m has
A. Approved for disposal by Nam Date B. Packaging Requirements (speci	May 14, y. Doub	1984 le Wrapped	Signature: _S	STIC	¥	Note		
		212-P (Store				Other		
III. TRANSPORTATION/DISPOSA A. Transporter(s) Name:	-	Phone	Adde	P¢¢.			Company	• .
			Audi					
B. Date Transported/Disposed C. Transporter(s) Signature:								
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7- 3 1984 Ashestos	99 BAZE		
7. 3 1984 Ashestos	184-B		
16-1984 ASbestos	200 CU-FT		
1-16-1984 Ashestos	49/4 CUST		
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ASBESTOS DISPOSAL REQUEST

The Industrial Hygiene & Safety Department (IH&S) of Rockwell Hanford Operations has control of asbestos management at Hanford." Accordingly, IH&S has established the following disposal requirements for asbestos at the Central Landfill Asbestos Trench:

- 1. A radiation release must be obtained for any asbestos eminating from a Radiation Zone.
- All asbestos material packaged for disposal must be thoroughly wetted to eliminate any airborne asbestos particles during transportation, handling, or burial.
- All asbestos material must be doubled plastic bagged or wrapped (6 mil or equivalent) to eliminate any airborne asbestos particles. A seal to preclude environmental or personnel exposure should be provided.
- An accurate estimate of the asbestos volume must be provided along with the following information:

Generator's Name: John Moss / Larry Browns
Phone Number: $3 - 2337 / 3 - 3373$
Contractor Contracted By: UNC - Tim Huber
Location: 33 N BM Estimated Volume (ft³): 270
ave read and accept responsibility for the above outlined requirements for disposal of asbestos

I ha material.

The above requirements have been met and the estimated volume appears correct.

ASBESTOS DISPOSAL REQUEST

The Industrial Hygiene & Safety Department (IH&S) of Rockwell Hanford Operations has control of asbestos management at Hanford. Accordingly, IH&S has established the following disposal requirements for asbestos at the Central Landfill Asbestos Trench:

1. A radiation release must be obtained for any asbestos eminating from a Radiation Zone.

Same and the second of the sec

- 2. All asbestos material packaged for disposal must be thoroughly wetted to eliminate any airborne asbestos particles during transportation, handling, or burial.
- All asbestos material must be doubled plastic bagged or wrapped (6 mil or equivalent) to eliminate any airborne asbestos particles. A seal to preclude environmental or personnel exposure should be provided.
- 4. An accurate estimate of the asbestos volume must be provided along with the following information:

Generator's Name: NONALD L. NECSON
Phone Number: 373-2323
Contractor Contracted By: ROCKWELL HANFORD OPS.
Location: <u>202A/200E</u> Estimated Volume (ft³):

I have read and accept responsibility for the above outlined requirements for disposal of asbestos material.

Generator Name: Fonald of Mason

Date: December 17,1984

The above requirements have been met and the estimated volume appears correct.

Landfill Operator: DE The Walt

Date: 12-17 1984

ASBESTOS DISPOSAL REQUEST

The Industrial Hygiene & Safety Department (IH&S) of Rockwell Hanford Operations has control of asbestos management at Hanford. Accordingly, IH&S has established the following disposal requirements for asbestos at the Central Landfill Asbestos Trench:

- 1. A radiation release must be obtained for any asbestos eminating from a Radiation Zone.
- 2. All asbestos material packaged for disposal must be thoroughly wetted to eliminate any airborne asbestos particles during transportation, handling, or burial.
- All asbestos material must be doubled plastic bagged or wrapped (6 mil or equivalent) to eliminate any airborne asbestós particles. A seal to preclude environmental or personnel exposure should be provided.
- 4. An accurate estimate of the asbestos volume must be provided along with the following ingrigation:

-	
	Generator's Name: Westinghouse Hanford
	Phone Number: <u>376-3743</u>
	Contractor Contracted By: RA Hensyal January
	Location: 200A tower Estimated Volume (ft3): 336
l ha	ve read and accept responsibility for the above outlined requirements for disposal of asbestos erial.
	Generator Name:
	Date: 11-14-84
The	above requirements have been met and the estimated volume appears correct.
	Landfill Operator: DE Thelps
	Date: 11-16 1984

÷	1	5.51	rype. (rom designed for use on elite (12	-picari typewriter.)	;'				1			-0404. Expires		
1	UNIFORM HAZARDOUS 1. Generator's US EPA ID No. Manifest Document No.							Page 1 Information in the shaded areas is not required by Federal law.						
	3. Generator's Name and Mailing Address							A. S	A. State Manifest Document Number					
1	4								B. S	B. State Generator's ID				
П		. Transporter 1 Company Name 6. US EPA ID Number								C. State Transporter's ID				
	<u>L</u>	-/	Rockwell Hanford	WA78000 8967				D. Transporter's Phone						
	7.	Trans	sporter 2 Company Name		8. US EPA ID Number				E. State Transporter's ID					
П	F. Transporter's													
	9.		gnated Facility Name and Site Addres	3S	10. US EPA ID Number WA 78 0008967					G. State Facility's ID				
		<u>ځ</u>	andfill	<u>.</u>						H. Facility's Phone				
G	11	11. US DOT Description (Including Proper Shipping Name,			Hazard Class and ID Number) 12. Conta			Type	13. Total Quantity	Unit Wt/Vol	Waste No	o		
E	a.		Galacte agen-	r						336				
R			assestor, ORM-	en 8'x	6/x7	/		,		Con ft				
70	b.													
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	 -	Addis	tional Docariations for Materials Lista	d Above				L	K Hs	ಾಗಳು ndling Codes f	nr Waste	s Listed Ahov	/A	
\parallel	137	J. Additional Descriptions for Materials Listed Above As bester Southern plastics in plastics in												
$\left \cdot \right $	Usbertas dans unapper													
	-	metal lead lugger W/lids											فسجا	
	15	15. Special Handling Instructions and Additional Information												
		Staw and handle to avoid airbone particles												
		Close luggen lids before picking up & transporting												
	16	. GE	NERATOR'S CERTIFICATION: I here	by declare that the	he conter	nts of this cor	nsignme	ent are full	y and a	ccurately desc	ribed on for			
		above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.										Date		
		Prin	nted/Typed Name		7	Signature	4/		0			Month Day	Year	
1	<u> </u>		RD Hensyel			KAU	Den	reply	<u>//</u>			// /4/ Date	34	
R	-	17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name										Month Day	Year	
S		4-	IMAXE!			K-1-1.	W	last	e	1	·	11/16	84	
O	18. Transporter 2 Acknowledgement of Receipt of Materials					700	· /					Date	1/2	
ANSPORTER		Printed/Typed Name AXEV. Signature Signature Name									Month Day	Year 54		
	19	19. Discrepancy Indication Space											,	
F														
FACILI	20	20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.												
I Y	1											Date Onti-		
		Prin	ted/Typed Name The 155			Signatu (e	<u></u>	F	hel	De		Month Day	84	
St	yle Fi	15-6	Labelmaster, Chicago, IL 60646 (312)	478-0900		· · -		,		•	E	PA Form 8700-2	2 (3-84)	

The Industrial Hygiene & Safety Department (IH&S) of Rockwell Hanford Operations has control of asbestos management at Hanford. Accordingly, IH&S has established the following disposal requirements for asbestos at the Central Landfill Asbestos Trench:

- 1. A radiation release must be obtained for any asbestos eminating from a Radiation Zone.
- All asbestos material packaged for disposal must be thoroughly wetted to eliminate any airborne asbestos particles during transportation, handling, or burial.
- All asbestos material must be doubled plastic bagged or wrapped (6 mil or equivalent) to eliminate any airborne asbestos particles. A seal to preclude environmental or personnel exposure should be provided.
- 4. An accurate estimate of the asbestos volume must be provided along with the following information:

Location: 100-D-105-D Estimated Volume (ft³): 5/2

I have read and accept responsibility for the above outlined requirements for disposal of asbestos material.

Generator Name: J. E. Hodgson:

Date: 1/-15-84

Contractor Contracted By: ________

The above requirements have been met and the estimated volume appears correct.

Landfill Operator: 19 E Puellar

Date: 11-15-1984

DISPOSAL REQUEST

The Industrial Hygiene & Safety Department (IH&S) of Rockwell Hanford Operations has control of asbestos management at Hanford. "Accordingly, IH&S has established the following disposal - requirements for asbestos at the Central Landfill Asbestos Trench:

- A radiation release must be obtained for any asbestos eminating from a Radiation Zone. 1.
- All asbestos material packaged for disposal must be thoroughly wetted to eliminate any air-2. borne asbestos particles during transportation, handling, or burial.
- All asbestos material must be doubled plastic bagged or wrapped (6 mil or equivalent) to eliminate any airborne asbestos particles. A seal to preclude environmental or personnel exposure should be provided.
- An accurate estimate of the asbestos volume must be provided along with the following information:

	Generator's Name: Name: Name: Name:
	Phone Number: <u>273-4000</u>
	Contractor Contracted By: Ruco
	Location: 2/01-11/Lock 110 Estimated Volume (ft3): \(\int \langle \la
	erial. Generator Name:
The	Date:
	Landfill Operator: 19 & Thelps
	Date:

DISTRIBUTION:

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The Industrial Hygiene & Safety Department (IH&S). of asbestos management at Hanford. Accordingly, FEMARKS: requirements for asbestos at the Central Landfill A

- A radiation release must be obtained for any 1.
- All asbestos material packaged for disposal must be thoroughly wetted to eliminate any air-2. borne asbestos particles during transportation, handling, or burial.
- All asbestos material must be doubled plastic bagged or wrapped (6 mil or equivalent) to 3. eliminate any airborne asbestos particles. A seal to preclude environmental or personnel exposure should be provided.
- An accurate estimate of the asbestos volume must be provided along with the following in-4. formation:

Generator's Name: U.S. HARSONS

Phone Number: 373.4000

Contractor Contracted By: エルム O・

Location 272-AW 200-E Estimated Volume (ft3): 4 (1) AND THE STATE (1)

京田 からなる 変なる 日本のでは、ここことに

I have read and accept responsibility for the above outlined requirements for disposal of asbestos material.

Generator Name: _

[5]

The above requirements have been met and the estimated volume appears correct.

Landfill Operator:

CO0411 BC-6700-194 (5-84)

DISTRIBUTION: White - Generator

Canary - Landfill

Pink - IH&S

The Industrial Hygiene & Safety Department (IH&S) of Rockwell Hanford Operations has control of asbestos management at Hanford. Accordingly, IH&S has established the following disposal requirements for asbestos at the Central Landfill Asbestos Trench:

- 1. A radiation release must be obtained for any asbestos eminating from a Radiation Zone.
- 2. All asbestos material packaged for disposal must be thoroughly wetted to eliminate any airborne asbestos particles during transportation, handling, or burial.
- All asbestos material must be doubled plastic bagged or wrapped (6 mil or equivalent) to eliminate any airborne asbestos particles. A seal to preclude environmental or personnel exposure should be provided.
- 4. An accurate estimate of the asbestos volume must be provided along with the following information:

Generator's Name:	Jun -
Phone Number: 3 - 23 55	·
Contractor Contracted By:	
Location: 2/0/ M	Estimated Volume (ft ³):/00 Cuft
I have read and accept responsibility for the ab material.	ove outlined requirements for disposal of asbestos
Generator Name:	L. Guen
Date: 10/30/84	
The above requirements have been met and th	e estimated volume appears correct.
	71.

DISTRIBUTION: White - Generator

Canary - Landfill

Pink - IH&S

000412 6-6700-194 (5-84)

The Industrial Hygiene & Safety Department (IH&S) of Rockwell Hanford Operations has control of asbestos management at Hanford. Accordingly, IH&S has established the following disposal requirements for asbestos at the Central Landfill Asbestos Trench:

- 1. A radiation release must be obtained for any asbestos eminating from a Radiation Zone.
- 2. All asbestos material packaged for disposal must be thoroughly wetted to eliminate any airborne asbestos particles during transportation, handling, or burial.
- All asbestos material must be doubled plastic bagged or wrapped (6 mil or equivalent) to eliminate any airborne asbestos particles. A seal to preclude environmental or personnel exposure should be provided.
- 4. An accurate estimate of the asbestos volume must be provided along with the following information:

Generator's Name:	Complett.	•		
Phone Number: 31/2		 .		
Contractor Contracted By:	R,H.O.			
Location: 284 W	Estim	nated Volume (ft³): _	100 C	ntt
I have read and accept responsibili material.	ty for the above outline	ed requirements for di	sposal of asl	besto:

Generator Name: Staf. Camplell.

Date: 10-30-84

The above requirements have been met and the estimated volume appears correct.

Landfill Operator:

Date: 1/- 1. 1984

of a	Industrial Hygiene & Safety Department (IH&S) of Rockwell Hanford Operations has control sbestos management at Hanford. Accordingly, IH&S has established the following disposal frements for asbestos at the Central Landfill Asbestos Trench:
	A radiation release must be obtained for any asbestos eminating from a Radiation Zone.
2.	All asbestos material packaged for disposal must be thoroughly wetted to eliminate any airborne asbestos particles during transportation, handling, or burial.
3.	All asbestos material must be doubled plastic bagged or wrapped (6 mil or equivalent) to eliminate any airborne asbestos particles. A seal to preclude environmental or personnel exposure should be provided.
4.	An accurate estimate of the asbestos volume must be provided along with the following information:
· -	Generator's Name: Clylle 6 Missiel
F	Phone Number: 32365
	Contractor Contracted By: BHO
	Location: 27/ () Estimated Volume (ft³): 202080F Ed
	ve read and accept responsibility for the above outlined requirements for disposal of asbestos erial.
	Generator Name: Chyle O Manie
•	Date: $10-29-84$
The	above requirements have been met and the estimated volume appears correct. Landfill Operator:
	- And the second

李林 智能 清水

The Industrial Hygiene & Safety Department (IH&S) of Rockwell Hanford Operations has control of asbestos management at Hanford. Accordingly, IH&S has established the following disposal requirements for asbestos at the Central Landfill Asbestos Trench:

- 1. A radiation release must be obtained for any asbestos eminating from a Radiation Zone.
- 2. All asbestos material packaged for disposal must be thoroughly wetted to eliminate any airborne asbestos particles during transportation, handling, or burial.
- All asbestos material must be doubled plastic bagged or wrapped (6 mil or equivalent) to eliminate any airborne asbestos particles. A seal to preclude environmental or personnel exposure should be provided.
- 4. An accurate estimate of the asbestos volume must be provided along with the following information:

Generator's Name: Jan Danzo	
Phone Number: 376-3036	
Contractor Contracted By: Rockwell Hanford	
Location: 1171 Bldg 1100 area Estimated Volume (ft3): 1 C1	

I have read and accept responsibility for the above outlined requirements for disposal of asbestos material.

Generator Name: fûn Dûns

Date: 10-24-54

The above requirements have been met and the estimated volume appears correct.

Landfill Operator: 12 & Thelps

Date: 10-95 1984

The Industrial Hygiene & Safety Department (IH&S) of Rockwell Hanford Operations has control of asbestos management at Hanford. Accordingly, IH&S has established the following disposal requirements for asbestos at the Central Landfill Asbestos Trench:

- 1. A radiation release must be obtained for any asbestos eminating from a Radiation Zone.
- 2. All asbestos material packaged for disposal must be thoroughly wetted to eliminate any airborne asbestos particles during transportation, handling, or burial.
- All asbestos material must be doubled plastic bagged or wrapped (6 mil or equivalent) to eliminate any airborne asbestos particles. A seal to preclude environmental or personnel exposure should be provided.
- 4. An accurate estimate of the asbestos volume must be provided along with the following information:

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BC-6700-194 (5-84)

Generator's Name: D. A. Prichard		
Phone Number: 376-0895		
Contractor Contracted By: J. A. Jones C	onst. Service	
Location: 300 Area	Estimated Volume (ft³): 2 LUGGERS-2750 Lb.	ea
I have read and accept responsibility for the above material.	e outlined requirements for disposal of asbestos	,
Generator Name:J. K. Grisvild	JKL -	
Date: 10-11-84	RM Survey Card # 374 estimated volume appears correct.	
The above requirements have been met and the	estimated volume appears correct.	
Landfill Operator:	Repp	
Date: 10 - 12 1984		
-	000416	

Pink - IH&S

HAZARDOUS WAS LE MANIFEST THIS SHIPPING ORDER MANIFEST DOCUMENT NUMBER 84-005 FROM: Generator JA Jones Construction Service Co. T/S/D FACILITY "Central Landfill E.P.A. ID Code No. Transparation E.P.A. ID Code No. -Address 201 First St Diebland WA 99352 Destination Origin :--Phone Phone 176-0895 N. LABELS REQUIRED Mai Shipping Units WEIGHT D.O.T._PROPER SHIPPING NAME HAZARO CLASS 10 Na (or Exemption No.) 2750 L U013 ORM-C Asbestos 2 Per Lugger LUGGERS w. F PLACARDS REQUIRED FREIGHT CHARGES NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing. the agreed or declared value of the property. 'The agreed or declared value of the property. PREPAID "COLLECT is hereby specifically stated by the shipper to be not exceeding -_Per RECEIVED, subject to the classifications and terrife is effect on the date of the issue of this bittled Ladfre, the propagate unknown), mirried, consigned, and destined as jadicated-slove which said sacrier (the word-carrier beling or under the contract) agrees to carry to its usual-place of delivery at said destination, if on its rests, otherwise to call or our portion of said route to destination and as its each party at one inserts to the interest of the carrier of the carrier of the carrier of the carrier of the carrier of the carrier of the carrier of the continuous at the carrier of the carrier of the continuous at the carrier of the carrier of the continuous at the carrier of the ALTERNATE DESTINATION (EMERGENCY ONLY) **EMERGENCY RESPONSE INFORMATION** J_{ab} CONTACT: Name. T/S/D FACILITY E.P.A. ID Code No. Phone _ 1-800-424-8802 Address National Response Center in D. C. Destination CERTIFICATION This is to certify that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper conditions for transportation according to the applicable regulations of the Department of Transportation and the E.P.A. J. K. Griswold Date. Signature EPA. ID No TRANSPORTER #1 Address to certify acceptance of the hazardous waste shipment. Transporter No. 1 Signature, - 166 E.P.A. ID No. TRANSPORTER State is to certify acceptance of the hazardous waste shipment.

TREATMENT/STORAGE/DISPOSAL FACILITY/

Transporter No. 2 Signature

T/S/D FACILITY Signature This is to certify acceptance of the hazardous waste for treatment, storage, or disposal.

TRANSPORTER #1 COPY

000417

The Industrial Hygiene & Safety Department (IH&S) of Rockwell Hanford Operations has control of asbestos management at Hanford. Accordingly, IH&S has established the following disposal requirements for asbestos at the Central Landfill Asbestos Trench:

- 1. A radiation release must be obtained for any asbestos eminating from a Radiation Zone.
- 2. All asbestos material packaged for disposal must be thoroughly wetted to eliminate any airborne asbestos particles during transportation, handling, or burial.
- All asbestos material must be doubled plastic bagged or wrapped (6 mil or equivalent) to eliminate any airborne asbestos particles. A seal to preclude environmental or personnel exposure should be provided.
- 4. An accurate estimate of the asbestos volume must be provided along with the following information:

	Generator's Name: CARL C. SCHOCK
	Phone Number: 3-2/88
	Contractor Contracted By:
	Location: 1001 Estimated Volume (ft³): 275
	erial.
	Generator Name: Lank Schock
	Date: 10-3-84
The	above requirements have been met and the estimated volume appears correct.
	Landfill Operator: 12 E Filos

The industrial Hygiene & Safety Department (IH&S) of Rockwell Hanford Operations has control of asbestos management at Hanford. Accordingly, IH&S has established the following disposal requirements for asbestos at the Central Landfill Asbestos Trench:

- 1. A radiation release must be obtained for any asbestos eminating from a Radiation Zone.
- All asbestos material packaged for disposal must be thoroughly wetted to eliminate any airborne asbestos particles during transportation, handling, or burial.
- All asbestos material must be doubled plastic bagged or wrapped (6 mil or equivalent) to eliminate any airborne asbestos particles. A seal to preclude environmental or personnel exposure should be provided.
- 4. An accurate estimate of the asbestos volume must be provided along with the following information:

Generator's Name: S. E. Jones

Contractor Contracted By: Rockwell Hanford

Location: 272 B B Estimated Volume (ft3): 325 Cm pt.

I have read and accept responsibility for the above outlined requirements for disposal of asbestos material.

Generator Name:

Date: 9/26/84

The above requirements have been met and the estimated volume appears correct.

Landfill Operator:

Date: 9-27-1984

The Industrial Hygiene & Safety Department (IH&S) of Rockwell Hanford Operations has control of asbestos management at Hanford. Accordingly, IH&S has established the following disposal requirements for asbestos at the Central Landfill Asbestos Trench:

- 1. A radiation release must be obtained for any asbestos eminating from a Radiation Zone.
- 2. All asbestos material packaged for disposal must be thoroughly wetted to eliminate any airborne asbestos particles during transportation, handling, or burial.
- All asbestos material must be doubled plastic bagged or wrapped (6 mil or equivalent) to eliminate any airborne asbestos particles. A seal to preclude environmental or personnel exposure should be provided.
- 4. An accurate estimate of the asbestos volume must be provided along with the following information:

	Generator's Name: 1. V. H. T. D. C. J. W.
	Phone Number:
	Contractor Contracted By:
	Location: 15-189 D Estimated Volume (ft³): 20-F
	ave read and accept responsibility for the above outlined requirements for disposal of asbestos erial.
	Generator Name: A A. Hingle 21/10
	Date: $9-1-6-84$
The	above requirements have been met and the estimated volume appears correct.
	Landfill Operator: Q & Thilp22
	- 91.1984

The Industrial Hygiene & Safety Department (IH&S) of Rockwell Hanford Operations has control of asbestos management at Hanford. Accordingly, IH&S has established the following disposal requirements for asbestos at the Central Landfill Asbestos Trench:

- 1. A radiation release must be obtained for any asbestos eminating from a Radiation Zone.
- All asbestos material packaged for disposal must be thoroughly wetted to eliminate any airborne asbestos particles during transportation, handling, or burial.
- 3. All asbestos material must be doubled plastic bagged or wrapped (6 mil or equivalent) to eliminate any airborne asbestos particles. A seal to preclude environmental or personnel exposure should be provided.
- 4. An accurate estimate of the asbestos volume must be provided along with the following information:

Generator's Name:	C, SCHOCK
Phone Number: <u>373-2188</u>	
Contractor Contracted By:	VC : = = = = = = = = = = = = = = = = = =
Location: 100 N	Estimated Volume (ft³): Z75
I have read and accept responsibility for the abmaterial.	ove outlined requirements for disposal of asbesto
Generator Name: <u>Larl</u>	Schock

The above requirements have been met and the estimated volume appears correct.

Landfill Operator: SET Rolps

Date: 9-20-1984

The Industrial Hygiene & Safety Department (IH&S) of Rockwell Hanford Operations has control of asbestos management at Hanford. Accordingly, IH&S has established the following disposal requirements for asbestos at the Central Landfill Asbestos Trench:

- 1. A radiation release must be obtained for any asbestos eminating from a Radiation Zone.
- 2. All asbestos material packaged for disposal must be thoroughly wetted to eliminate any airborne asbestos particles during transportation, handling, or burial.
- All asbestos material must be doubled plastic bagged or wrapped (6 mil or equivalent) to
 eliminate any airborne asbestos particles. A seal to preclude environmental or personnel exposure should be provided.
- 4. An accurate estimate of the asbestos volume must be provided along with the following information:

Generator's Name:	1 11/2 1- 1- 22
~~	
Phone Number:	
Contractor Contracted By:	1
Location:	Estimated Volume (ft³): 2 > 2
I have read and accept responsibility for the above material.	e outlined requirements for disposal of asbestos
Generator Name:	<u> Name de la companya dela companya dela companya dela companya dela companya de </u>
Date:	; -
The above requirements have been met and the	estimated volume appears correct.
Landfill Operator:	Elps
Date: 9- 10-1984	-

DISTRIBUTION:

000422 80-6700-194 (5-84)

The Industrial Hygiene & Safety Department (IH&S) of Rockwell Hanford Operations has control of asbestos management at Hanford. Accordingly, IH&S has established the following disposal requirements for asbestos at the Central Landfill Asbestos Trench:

- 1. A radiation release must be obtained for any asbestos eminating from a Radiation Zone.
- All asbestos material packaged for disposal must be thoroughly wetted to eliminate any airborne asbestos particles during transportation, handling, or burial.
- All asbestos material must be doubled plastic bagged or wrapped (6 mil or equivalent) to eliminate any airborne asbestos particles. A seal to preclude environmental or personnel exposure should be provided.
- 4. An accurate estimate of the asbestos volume must be provided along with the following information:

Generator's Name: Dee Prichard / J. A. Jones Construction Services Co.
Phone Number:376-0895
Contractor Contracted By: J. A. Jones Construction Services Co.
Location: Boneyard 300 Area Estimated Volume (ft ³): 108
I have read and accept responsibility for the above outlined requirements for disposal of asbesto material.
Generator Name:J. K. Griswold Syll
Date:9-6-84
The above requirements have been met and the estimated volume appears correct.
0

DISTRIBUTION: White - Generator

Landfill Operator:

Canary - Landfill

Pink - IH&S

000423 BC-6700-194 (5 84)

HAZARDOUS WASTE MANIFEST THIS SHIPPING ORDER meet be feelbly filled in, in link, in Indelibte Pencil, or in MANIFEST DOCUMENT NUMBER 84-004 JA Jones Construction Services Co. FROM: TO: Central Landfill T/S/D FACILITY Generator E.P.A. ID Code No. WA7890008967 E.P.A. ID Code No. Address 801 First St. Richland WA Address Destination Origin 300 Area Phone Phone 376-0895 Haz Mat LABELS RÉQUIRED O O.T. PROPER SHIPPING NAME Haz Waste WEIGHT HAZARD CLASS (or-Exemption No.) ORM-C 20013 2750 1 Asbestos LUGGERS Per Lugger . 72 63 PLACARDS REQUIRED FREIGHT CHARGES the screed or declared value of the property. The agreed or declared value of the property PREPAID COLLECT is hereby specifically stated by the shipper to be not exceeding Per ALTERNATE DESTINATION (EMERGENCY ONLY) EMERGENCY RESPONSE T/S/D FACILITY CONTACT Name E.P.A. ID Code No. Phone. 1-800-424-8802 Address. National Response Center 426-2675 in D. C. Destination CERTIFICATION This is to certify that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation and the E.P.A. Generator Signature Griswold . Date. TRANSPORTER #1 12/ACZIO State. to certify acceptance of the hazardous waste shipment. Transporter No. 1 Date Signature. TRANSPORTER #2 E.P.A. ID No. State / La Stip City This is to certify acceptance of the hazardous waste shipment. Transporter No.:2 Date. Signature,

TRANSPORTER #1 COPY 000424

This is to certify acceptance of the hazardous waste for treatment, storage, or disposal.

REATMENT/STORAGE/DISPOSAL FACILITY

T/S/D FACIL Signature ___

The Industrial Hygiene & Safety Department (IH&S) of Rockwell Hanford Operations has control of asbestos management at Hanford. Accordingly, IH&S has established the following disposal requirements for asbestos at the Central Landfill Asbestos Trench:

- 1. A radiation release must be obtained for any asbestos eminating from a Radiation Zone.
- 2. All asbestos material packaged for disposal must be thoroughly wetted to eliminate any airborne asbestos particles during transportation, handling, or burial.
- All asbestos material must be doubled plastic bagged or wrapped (6 mil or equivalent) to eliminate any airborne asbestos particles. A seal to preclude environmental or personnel exposure should be provided.
- 4. An accurate estimate of the asbestos volume must be provided along with the following information:

	Generator's Name: Lee R. Harrington
,	Phone Number:6-7031
	Contractor Contracted By: Boeing Computer Services Richland, Inc.
	Location: Federal Building, Room 528 Estimated Volume (ft ³): 3 cubic feet
	ave read and accept responsibility for the above outlined requirements for disposal of asbestos erial.
	Date: 8-13-84
The	above requirements have been met and the estimated volume appears correct.

DISTRIBUTION: White - Generator

Canary - Landfil

Pink - IH&S

000425 BC-6700-194 (5-8<u>4)</u>

THIS	SASHIPPING ORDER must be legibly filled in, Garbon, and re	is ink, is ind tained by the	elible Pencil, or in Agent.	With the same	ANIFEST	OCUMEN	T NUMBE	ER.
			<u>.</u> : : : : : : : : : : : : : : : : : : :	3	•		,	25
		:		35	- Marie - Mari		127 127 137 137 137 137 137 137 137 137 137 13	
TO:	FACILITY ROCKWETT Landfill		FROM: Generator	Lee R.	Harringt	on	and the second	
	. ID Code No.		E.P.A. ID	Code No.			٠,	, Jan
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HAZARDOUS WASTE MANIFEST

TRANSPORTER #1 COPY

The Industrial Hygiene & Safety Department (IH&S) of Rockwell Hanford Operations has control of asbestos management at Hanford. Accordingly, IH&S has established the following disposal requirements for asbestos at the Central Landfill Asbestos Trench:

- 1. A radiation release must be obtained for any asbestos eminating from a Radiation Zone.
- All asbestos material packaged for disposal must be thoroughly wetted to eliminate any airborne asbestos particles during transportation, handling, or burial.
- All asbestos material must be doubled plastic bagged or wrapped (6 mil or equivalent) to eliminate any airborne asbestos particles. A seal to preclude environmental or personnel exposure should be provided.
- 4. An accurate estimate of the asbestos volume must be provided along with the following information:

Generator's Name: Dee Prichard / J. A. Jones Coast. Services Co.
Phone Number:375-0395
Contractor Contracted By:J. A. Jones Const. Services Co.
Location: Boneyard 300 Area Estimated Volume (ft³): 108
I have read and accept responsibility for the above outlined requirements for disposal of asbesto material.
Generator Name: J. K. Griswold . SILL.
Cate: 8-15-84
The above requirements have been met and the estimated volume appears correct. Landfill Operator:
Date: 8 - 16 1984

Canary - Landfill

DISTRIBUTION:

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HAZARDOUS WASTE MANIFEST

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The Industrial Hygiene & Safety Department (IH&S) of Rockwell Hanford Operations has control of asbestos management at Hanford. Accordingly, IH&S has established the following disposal requirements for asbestos at the Central Landfill Asbestos Trench:

- 1. A radiation release must be obtained for any asbestos eminating from a Radiation Zone.
- All asbestos material packaged for disposal must be thoroughly wetted to eliminate any airborne asbestos particles during transportation, handling, or burial.
- All asbestos material must be doubled plastic bagged or wrapped (6 mil or equivalent) to
 eliminate any airborne asbestos particles. A seal to preclude environmental or personnel exposure should be provided.
- 4. An accurate estimate of the asbestos volume must be provided along with the following information:

Generator's Name: MICHAEL E THURMAN	
Phone Number:3-3544	
Contractor Contracted By: UNC	,
Location: 100 - B Estimated Volume (ft³):	400
I have read and accept responsibility for the above outlined requirements for dismaterial.	sposal of asbestos
Generator Name: Muchael E. Thur	
- 8-16-84	

The above requirements have been met and the estimated volume appears correct.

Landfill Operator: 1 & Things 12L

Date: 8- 15-1984

HAZARDUUS WASTE MANIFEST THIS SHIPPING ORDER .must be legibly filled in, in ink, in Indelible Pencil, or in Carbon, and retained by the Agent. MANIFEST DOCUMENT NUMBER TO: FROM: Generator T/S/D FACILITY E.P.A. ID Code No. E.P.A. ID Code No. Address **Address** Destination Origin Phone Phone Na. Shipping Units LABELS REQUIRED WEIGHT HAZARD CLASS D.O.T. PROPER SHIPPING NAME ORNI-C PLACARDS REQUIRED FREIGHT CHARGES NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing PREPAID COLLECT the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding Per RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this BHI of Ladin packages unknown, marked, consigned, and destined as indicated above which said carrier (the word certer under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwis or any of, said property over all or any portion of said route to destination and as to each party at any time biff of leading terms and conditions in the governing classification on the date of shipment. Shipper hereby certifies that he is familier with all the biff of fating terms and conditions in the governing of the property certifies that he is 15 millier with all the biff of fating terms and conditions in the governing of the property certifies that he is 15 millier with all the biff of fating terms and conditions in the governing of ALTERNATE DESTINATION (EMERGENCY ONLY) EMERGENCY RESPONSE INFORMATION CONTACT Name T/S/D FACILITY Phone E.P.A. ID Code No. 1-800-424-8802 Address National Response Center 426-2675 in D. C. Destination CERTIFICATION This is to certify that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation and the E.P.A. Signature TRANSPORTER #1 to certify acceptance of the hazardous waste shipment. Transporter No. 1 Signature, E.P.A. ID No. TRANSPORTER #2 Address State CaZip 7 This is to certify acceptance of the hazardous waste shipment.

TRANSPORTER #1 COPY 000430

his is to certify acceptance of the hazardous waste for treatment, storage, or disposal:

Date.

Transporter No. 2

T/S/D FACILITY
Signature _____

Signature,

The Industrial Hygiene & Safety Department (IH&S) of Rockwell Hanford Operations has control of asbestos management at Hanford. Accordingly, IH&S has established the following disposal requirements for asbestos at the Central Landfill Asbestos Trench:

- 1. A radiation release must be obtained for any asbestos eminating from a Radiation Zone.
- 2. All asbestos material packaged for disposal must be thoroughly wetted to eliminate any airborne asbestos particles during transportation, handling, or burial.
- All asbestos material must be doubled plastic bagged or wrapped (6 mil or equivalent) to
 eliminate any airborne asbestos particles. A seal to preclude environmental or personnel exposure should be provided.
- 4. An accurate estimate of the asbestos volume must be provided along with the following information:

	Generator's Name: VERN RICE
	Phone Number:
	Contractor Contracted By:
	Location: 189 D Estimated Volume (ft³): 225
	ve read and accept responsibility for the above outlined requirements for disposal of asbestoserial.
	Generator Name: Zumon T. Rico
	Date: 899-84
The	above requirements have been met and the estimated volume appears correct.
,	Landfill Operator: 1 E The lipe

1984 189- D-100 AREA

The Industrial Hygiene & Safety Department (IH&S) of Rockwell Hanford Operations has control of asbestos management at Hanford. Accordingly, IH&S has established the following disposal requirements for asbestos at the Central Landfill Asbestos Trench:

- A radiation release must be obtained for any asbestos eminating from a Radiation Zone.
- 2. All asbestos material packaged for disposal must be thoroughly wetted to eliminate any airborne asbestos particles during transportation, handling, or burial.
- All asbestos material must be doubled plastic bagged or wrapped (6 mil or equivalent) to eliminate any airborne asbestos particles. A seal to preclude environmental or personnel exposure should be provided.
- An accurate estimate of the asbestos volume must be provided along with the following information:

Generator's Name: <u>J. A. Jones Const. Services Gee Prichard みどまっ</u>
Phone Number:
Contractor Contracted By:J. A. JONES CONST. SERVICES
Location: <u>Foneyard 300 Area</u> Estimated Volume (ft ³): <u>108</u>
I have read and accept responsibility for the above outlined requirements for disposal of asbesto material.
Generator Name: D. A. Prichard L. C. Lichard
Date: 7-31-34
The above requirements have been met and the estimated volume appears correct.
Landfill Operator: DE Fixehle

8-1-1984

HAZARDOUS WASTE MANIFEST.

THIS SHIPPING ORDE	ER	RD	0	ING	ΡI	ΙP	H	S	IS	HI	1
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must be legibly filled in, in ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

MANIFEST DOCUMENT NUMBER

TO:		F	ROM:	****					
	FACILITY Central Landfill		Generator JA Jones Construction ServicesCCo.						
E.P.A.	ID Code No.		E.P.A. ID Code No. 947890008967						
Addres				-	Richla	ind, WA 6	19352		
Destina	ation			Area					
Phone				Haz Mar	EPA		LABELS REQUIRED		
Shipping Units	D.O.T. PROPER SHIPPING NAME	HAZARD	CLASS	1 D. No	Haz Waste No.	WEIGHT	(or Exemption No <u>.)</u>		
			Í			_			
2	Asbestos	ORM-C			U013	2 7 50 L	YES		
						Per lugge	<u>P</u>		
			- 1	1					
4									
				1					
3				į					
7	ARDS REQUIRED	and the target of the target	ment to Section 7 of the contest				EIGHT CHARGES		
	ere the rate is dependent on value, shippers are required to state specific agreed or declared value of the property. The agreed or declared value	· Ima	ت دوستان کیشار سال بیشتان بیماری دید دوستارگیشان _خ یش (میبیداشتی ب ماهای بای کاشراههای کی است				PAID COLLECT		
is i	hereby specifically stated by the shipper to be not exceeding	_		(Squares of Cornery			7 /		
DECE	INCO enhance to the circuit enhance and territor to effect on the date of the issue of	this Bill of Lading, th	ne property described a	nove in appeared one	d order, except as	noted (contents and co	ndition of contents of		
packed	ges unknown), marked, consigned, and destined as indicated above which said carrie the contract) agrees to carry to its usual place of delivery at said destination, if on	er (the word carrier be: its route, otherwise to	ng understood tarought o deliver to snother car	Het this commercial as a Tier on the Psule ters	amming any person ara continetion. It	or corporation in possi is mutually agreed as	to each carrier of all		
bill of Shippe	at, said property over all or any portion of said route to destination and as to each lading terms and conditions in the operating classification on the date of shipment, in heroby cortifies that he is familiar with all the bill of lading terms and conditions a assigns.	in the governing class	rification and the said	serves and complicate	are merety agreed	to by the shipper and a	accepted for himself		
À	TERNATE DESTINATION (EMERGENCY O					E INFORM			
1			-		near one) - 1111 O 1110			
9	FACILITY		CONTACT	Name					
Addres			National Re		ater	1-800	-424-8802		
Destina				.spoi.sc		in D. C.			
ė		CERTIFICA					11.4		
This is	to certify that the above named materials are proper isportation according to the applicable regulations of	ly classified, the Departmen	described, pac nt of Transpor	ckaged, marki tation and the	ed and label	ea, and are in	proper condition		
# .					•-				
Generato Signatur	1 1 1 4 4 (1 %)				Date				
TPANS	PORTER#1_ L/) / Mekey				.P.A. ID No				
				E					
Ä		100%	1.00						
Address		1000		~ Zip F		Phone 6	260		
Address City	This is to certify accept		State	TZip 9	73.57		760		
Address City Transpor	This is to certify accept		State	TZip 9	73.57		760		
Address City Transpor Signatur	ter No. 1		State	zip 9 vaste shipm	ent. Date	Phone 43	760		
Address City Transpor Signatur	This is to certify accepted. PORTER #2		State	zip 9 vaste shipm	73.77 ent.	Phone 43	760		
Address City Transpor Signatur TRANS Address	This is to certify accepted. PORTER #2		State	zip 9 vaste shipm	ent. Date	Phone 43	260		
Address City Transpor Signatur	This is to certify accepted. PORTER #2	ptance of the	State Control State State State State	zip Zip Zip ZipE	Date	Phone <u>6</u>	760		
Address City Transpor Signatur TRANS Address City Transpor	This is to certify accepted by the PORTER #2 This is to certify accepted by the Porter No. 2	ptance of the	State Control State State State State	zip Zip Zip ZipE	Date	Phone <u>6</u>	760		
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PLEASE CONTACT SKI	P MOONE	Y 3-3562				
. GENERATION: The Generator shows			ard this form	to:	WS&DT 202-5X200 V Rockwell	GARY COX Jest 222-T/2004 3-3679
A. Generator's Name: D.L. JACK	SON	Phone: 3-3622	2_Address.20)2A/3/	/200E_cor	npany: RHO
B. Custodian's Name: SKIP MOON	EY	Phone: 3-3562	2_Address:20	2A/1/	/200E_cor	npany: RHO
C. Waste Description: (If more than	five items, a	ttach additional s	heets)		`	
Generic Name	Total	Type of	Number of	(Ch	eck One)	Hazard Class
1. ASBESTOS	Quantity	LOAD LUGGE	Containers R 1	Sol.	Liq. Gas	
1. ASDLS 103		LOAD LOOOL	1/ 1	^^		···
3.						
4.						
5.						
G. Storage Location: 202A/Doc H. "I hereby certify that this material been completed to the best of my Generator's Signature:	has been rel knowledge.	' Survey Card No	umber: SURV DAY	OF PI	MPSTER CK-UP	FOR RELEASE ON
II. APPROVAL					 v	
A. Approved for disposal by Name: _			Phone:	Ad	laress	co.: <u>/}/-/ o</u>
		 				
B. Packaging Requirements (specify):	·					^•
C. Disposal Location:		Chemical Tr	ench,	L	Asbesto	os Trench,
(check one)		212-P (Stora	age),		Other	
						
A. Transporter(s) Name: B. Date Transported/Disposed:	pole 1	y Phone: 6	886 OAddre	ess: <u>//</u>	7/	Company P.H.O.
C. Transporter(s) Signature:	-/- // -	7	-		<u> </u>	<u>.</u>

376 35181

* ASBESTOS DISPOSAL REQUEST

The Industrial Hygiene & Safety Department (IH&S) of Rockwell Hanford Operations has control of asbestos management at Hanford. Accordingly, IH&S has established the following disposal requirements for asbestos at the Central Landfill Asbestos Trench:

- 1. A radiation release must be obtained for any asbestos eminating from a Radiation Zone.
- 2. All asbestos material packaged for disposal must be thoroughly wetted to eliminate any airborne asbestos particles during transportation, handling, or burial.
- 3. All asbestos material must be doubled plastic bagged or wrapped (6 mil or equivalent) to eliminate any airborne asbestos particles. A seal to preclude environmental or personnel exposure should be provided.
- 4. An accurate estimate of the asbestos volume must be provided along with the following information:

	Generator's Name: Jerry M. Bishop
	Phone Number: 326-3518
	Contractor Contracted By: UNC Rockwell
	Location: 31300ck Estimated Volume (ft3): 236
	ave read and accept responsibility for the above outlined requirements for disposal of asbestos erial.
	Generator Name: Jen M. Birling
	Date:
The	above requirements have been met and the estimated volume appears correct.
	Landfill Operator: DE Flugs
	Date: 7-20-1984

The Industrial Hygiene & Safety Department (IH&S) of Rockwell Hanford Operations has control of asbestos management at Hanford. Accordingly, IH&S has established the following disposal requirements for asbestos at the Central Landfill Asbestos Trench:

- 1. A radiation release must be obtained for any asbestos eminating from a Radiation Zone.
- 2. All asbestos material packaged for disposal must be thoroughly wetted to eliminate any airborne asbestos particles during transportation, handling, or burial.
- All asbestos material must be doubled plastic bagged or wrapped (6 mil or equivalent) to eliminate any airborne asbestos particles. A seal to preclude environmental or personnel exposure should be provided.
- 4. An accurate estimate of the asbestos volume must be provided along with the following information:

Generator's Name: Terry M.	Bishop
Generator's Name.	
Phone Number: 376-351	<u>f</u>
Contractor Contracted By: UNC/	Rockwell
Location: 313 Dock	Estimated Volume (ft³):
material.	ove outlined requirements for disposal of asbestos
Generator Name: <u>Jeny M. Bin</u>	hyp.
Date: 7-20-84	· —
The above requirements have been met and th	e estimated volume appears correct.
Landfill Operator: DE T	elps .
Date: 7- 20-1984	-

DISTRIBUTION: White - Generator

Canary - Landfill

Pink - IH&S

000436 80

BC-6700-194 (5-84)

The Industrial Hygiene & Safety Department (IH&S) of Rockwell Hanford Operations has control of asbestos management at Hanford. Accordingly, IH&S has established the following disposal requirements for asbestos at the Central Landfill Asbestos Trench:

- 1. A radiation release must be obtained for any asbestos eminating from a Radiation Zone.
- 2. All asbestos material packaged for disposal must be thoroughly wetted to eliminate any airborne asbestos particles during transportation, handling, or burial.
- All asbestos material must be doubled plastic bagged or wrapped (6 mil or equivalent) to eliminate any airborne asbestos particles. A seal to preclude environmental or personnel exposure should be provided.
- 4. An accurate estimate of the asbestos volume must be provided along with the following information:

Generator's Name: GREGG BROWER
Phone Number: 376-7230
Contractor Contracted By:
Location: 6652-P BULDING Estimated Volume (ft3): APPROX 64 FT3
I have read and accept responsibility for the above outlined requirements for disposal of asbestos material.
Generator Name: Green Brown
Date: 7/16/64
The above requirements have been met and the estimated volume appears correct.
Landfill Operator: $NEFROMP2$ For G. Cox $3-2104$ $EFA=5$
Date: $\sqrt{-171984}$

CO0437 BC-6700-194 (5-84)

The Industrial Hygiene & Safety Department (IH&S) of Rockwell Hanford Operations has control of asbestos management at Hanford. Accordingly, IH&S has established the following disposal requirements for asbestos at the Central Landfill Asbestos Trench:

- A radiation release must be obtained for any asbestos eminating from a Radiation Zone. 1.
- All asbestos material packaged for disposal must be thoroughly wetted to eliminate any airborne asbestos particles during transportation, handling, or burial.
- All asbestos material must be doubled plastic bagged or wrapped (6 mil or equivalent) to eliminate any airborne asbestos particles. A seal to preclude environmental or personnel exposure should be provided.
- An accurate estimate of the asbestos volume must be provided along with the following information:

	Generator's Name: Jerry M. 815hop
	Phone Number: 376-3516
	Contractor Contracted By: UNC Rockwell
	Location: 313 Doct Estimated Volume (ft³): 349
l ha	ve read and accept responsibility for the above outlined requirements for disposal of asbestos erial.
	Generator Name: <u>Jeny M. Bulus</u>
	Date: 7-17-84
The	above requirements have been met and the estimated volume appears correct.
	Landfill Operator:
	Date: 7-17-1984

The Industrial Hygiene & Safety Department (IH&S) of Rockwell Hanford Operations has control of asbestos management at Hanford. Accordingly, IH&S has established the following disposal requirements for asbestos at the Central Landfill Asbestos Trench:

- 1. A radiation release must be obtained for any asbestos eminating from a Radiation Zone.
- 2. All asbestos material packaged for disposal must be thoroughly wetted to eliminate any airborne asbestos particles during transportation, handling, or burial.
- All asbestos material must be doubled plastic bagged or wrapped (6 mil or equivalent) to eliminate any airborne asbestos particles. A seal to preclude environmental or personnel exposure should be provided.
- 4. An accurate estimate of the asbestos volume must be provided along with the following information:

	Generator's Name: R. H. GRIFFIN
	Phone Number: 3.3-45-40
	Contractor Contracted By: Decomm. OPER. U. N. C.
	Location: Estimated Volume (ft³):
l ha	ve read and accept responsibility for the above outlined requirements for disposal of asbestos erial.
	Generator Name: 1. H. Geffini D. C. S UNC.
	Date: 7/12/84
The	above requirements have been met and the estimated volume appears correct.
	Landfill Operator:
	Date: $\frac{7}{1} - 12 - 1984$

DISTRIBUTION: White - Generator

Canary - Landfill

Pink - IH&S

C00439 BC-6700-194 (5-84)

The Industrial Hygiene & Safety Department (IH&S) of Rockwell Hanford Operations has control of asbestos management at Hanford. Accordingly, IH&S has established the following disposal requirements for asbestos at the Central Landfill Asbestos Trench:

- 1. A radiation release must be obtained for any asbestos eminating from a Radiation Zone.
- 2. All asbestos material packaged for disposal must be thoroughly wetted to eliminate any airborne asbestos particles during transportation, handling, or burial.
- All asbestos material must be doubled plastic bagged or wrapped (6 mil or equivalent) to
 eliminate any airborne asbestos particles. A seal to preclude environmental or personnel exposure should be provided.
- 4. An accurate estimate of the asbestos volume must be provided along with the following information:

Gei	nerator's Name: Stan Jones of Timwell & aris.
Pho	one Number: <u>3-245-6</u>
Co	ntractor Contracted By: Rockwell
Lo	cation: 272-BB Estimated Volume (ft³): 200
I have r	read and accept responsibility for the above outlined requirements for disposal of asbeston.
Ger	nerator Name: 6. Emillo
	te: 29 June 84
ine abo	ove requirements have been met and the estimated volume appears correct.
Lar	ndfill Operator: DE Fluelps

000440BC-6700-194 (5-84

						<u>,</u>	
1	GENERATION: The Generator sh				1	N'S&DT 202-S/200 W Rockwell	
· "%	. Generator's Name: <u>G. J.</u>	Rust .	3 73 4 hone: 373:49	743 Address.	272 A	w con	npany: RHO
	Custodian's Name: <u>h. R. G</u>						
					014	<u>7 W</u> Con	npany:
, С.	Waste Description: (If more than	n five items, att	tach additional	sneets)			
	Generic Name	Total Quantity	Type of Container	Number of Containers		k One) q. Gas	Hazard Class
	1. schestos		bookling	2	1		
	2.	<u> </u>					
	3.						,
	4.			<u> </u>			
<i>:</i>	5.			<u> </u>			
	I land a survey and labele beautiff.	and an entering	1100-	Not required		•	
	. Have appropriate labels been affil						
; E.	Have efforts been made to recyc	de (e.g., excess) waste?/ <u>//</u> _	<u>π</u> _			
F.	Has waste been treated in any n	nanner? 412	If so, how	? dou	re 15	ag u	vech HOD accept
· G	Storage Location: 272	AW		· · · · · · · · · · · · · · · · · · ·		. 3.:	
Н.	. "I hereby certify that this materia					ole) and that	t Part One of this form has
.,	been completed to the best of m	y knowledge."	Survey Card N	lumber:	N H		
• '	1.						
G	enerator's Signature:	Bust			Date:	<u>6-6-8</u>	34
	·						
						,	
11.	APPROVAL						
Δ	APPROVAL Approved for disposal by Name: Date:	G.R.Co	¥	Phone: 3-36	79 Add	ress 227-	5/2004do: Rockur77
Λ.	Description of the control of the co	Tiene 6.1	984	Signature:	<u> </u>	PA	·
_	Date.	Dauble	harrad	and wa			X
В.	Packaging Requirements (specify): <u>DOVUIC</u>	Doctor	·auca_we	4-4-		
						 .	
· C.	Disposal Location:		Chemical 1	French,	<u> </u>	Asbesto	os Trench,
•	(check one)		212-P (Sto	rage),		Other	
							·
							······································
iII.	TRANSPORTATION/DISPOSAL	. /		, ,			/
	Transporter(s) Name:	usper	Phone:	KK Addre	ess: //	1/1/2	Jompany 1
	, , ,	////	7-15	C11		1 -6'	71-11
. 7	Date Transported/Disposed:		10/	y 0 5/-			
), .C.	Transporter(s) Signature:		July 1				
2 (1) (1) 2 (2) (2) (2) (2) (2) (2) (2) (2) (2) (2						<u> </u>	DC 0700 1711 (4) 1 2 2 2
	• •		•			000	BC-6700-174.1 (N-1-82)

In

<u> </u>	ION: The Generator s	hould complete	e Part I and Torwa			WS&DT 202-S/20 Rockwell) West	
A. Generator	's Name: B.J. Fuo	<u>1544</u>	Phone:373-311	4 Address: <u>2</u>	271-0	R.	Company:	RHO
B. Custodian	's Name: Dè D		Phone: 3-3114	Address:a	271-6		Company	:_RHO
	cription: (If more the							
	Generic Name	Total Quantity	Type of Container	Number of Containers		ck One) .ig. Gas		Hazard Class
1 4 \		115. 60.	Double wra		301.	.iq. Ga		
1. 14.5.	bes tos wrapped	100	Double was	OU Dag				·
2. 145/0		96 74.	voxes and	1	7/			
3. Ash	estos	100 EL.	madbay	15 bx.	 		 	
4.	· · · · ·							
5.		<u> </u>	<u> </u>		<u> </u>			
_	ocation:							
been com	certify that this mater pleted to the best of no signature:	rial has been rel ny knowledge.' an Pry	Survey Card Num	Phone: 3-23	<i>340/2</i> Date:	9.3 6 - 5 -	· 84	
Generator's S APPROVA A. Approved	certify that this mater pleted to the best of n Signature:	e: 111 A	Survey Card Num	Phone: 3-23	Date:	9.3 6 - 5 -	· 84	Co.: RHO
Generator's S APPROVA A. Approved B. Packaging	certify that this mater pleted to the best of mater pleted to the best of materials and the best of materials are pleted to the best of th	e: And A	Survey Card Num Survey	Phone: 3-23 Signature:	040/2 Date: bu/ Ad ppsl	dress Z	22T	Co.: RHO
Generator's S APPROVA A. Approved B. Packaging C. Disposal	certify that this mater pleted to the best of mater pleted to the best of materials and the best of materials are pleted to the best of th	e: And A	Survey Card Num Sobul - 82(s	Phone: 3-23 Signature:	040/2 Date: bu/ Ad ppsl	dress Z	22T	Co.: RHO

\mathcal{J}_{a}	an Contact	<i>0</i> ?7_ <i>U</i>	26 h n	0: 1 + 1 -	202-S/2 Rockwe	मा (्	1:-1
A. Generator's Name: 2 2 or B. Custodian's Name:							
3. Gustodian's Name: C. Waste Gescription (If more						_compa	my,
y, waste bushington to anote	e than two items, at	tac: additione	31166(3)				
Genanc Name	Total Quantity	Type of Container	Number of Containers		eck Dref Lia. G	as	нада гл. С. <u>а</u> зк
1015605705		<i>5</i>	100				
2.	- Jo Cayon		700				· · · · · · · · · · · · · · · · · · ·
3.		,		† †			
4					!		
5.							
F. Has waste been treated in a G. Storage Louteon: H. "I hereby dentify that this in been completed to the best Generator's Signature:	3-R, 100 naterial has been rele of my knowledge."	ased by Radiati Survey Card N	on Monitoring		able) and		art One of this form has
APPROVAL	1					· >:T/	/r 100 1 h 1
APPROVAL A. Approved for disposal by N	7.1	<u>;</u> ;(1:-4:	Phone:	i, [A	ddress <u>-</u>	<u></u>	12.100.1 K. Kurl
APPROVAL A. Approved for disposal by N	Date: Hay	<u>;</u> 1954	Signature:	<u> </u>	1	<u>. i </u>	17.100.1 13. Km.
APPROVAL A. Approved for disposal by N C 3. Packaging Requirements (sp	Date: fil a y in a part of the property): [1]	V 1964 V 1895	Signature:	<u> </u>	1	/ /	
APPROVAL A. Approved for disposal by N C 3. Packaging Requirements (sp	Date: fil a y in a part of the property): [1]	V 1964 V 1895	Signature:	<u> </u>	1	/ /	
APPROVAL A. Approved for disposal by A C B. Packaging Requirements (sp C. Disposal Location:	Date: fil a y in a part of the property): [1]	Chemical	Signature:	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	1 \ \-'\tau	/ /	
APPROVAL A. Approved for disposal by N C B. Packaging Requirements (sp C. Disposal Location:	Date: fil a y led greenfy): 1/2 . 1	Chemical	Signature:	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	1 \ \-'\tau	sbestos	
APPROVAL A. Approved for disposal by N C B. Packaging Requirements (sp C. Disposal Location:	Date: fil a y lad a pacify): fil a lad	Chemical	Signature:	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	1 \ \-'\tau	sbestos	
APPROVAL A. Approved for disposal by N C B. Packaging Requirements (sp C. Disposal Location:	Date: (1) a y (2) and a partial partia	Chemical 212-P (Sto	Signature:		λ - /	sbestos	Trench
APPROVAL A. Approved for disposal by A C. Packaging Requirements (sp. C. Disposal Location:	Date: (1) a y (2) and a partial partia	Chemical 212-P (Sto	Signature:		λ - /	sbestos	Trench
APPROVAL A. Approved for disposal by A C. Packaging Requirements (sp. C. Disposal Location: (check one) TRANSPORTATION/DISPO	Date: (-) , y, Decify): 12 .) DSAL (14 A. Cranglow 1: /	Chemical 212-P (Sto	Signature:	ess:Hwy	λ - /	sbestos	

. GEIVE	MATION. The Generator and	ala complete	s rait raile forwa			202-S Rock	i/200 West well	(アン)
	$-\infty$ R	chan		.	/	-		11.15
	erator's Name: J.M.B.							
	odian's Name: J.M. Bi3	•			13/3	oo He	Compa	ny: <u> </u>
C. Wast	e Description: (If more than	five items, a	ttach additional sh	neets)				
	Generic Name	Total Quantity	Type of Container	Number of Containers	Sol.	heck On	e) Gas	Hazard Class
1.,	tsbestos Covered Pipes	~ 20ea	PLASTIC	2.	1			
2.	Arbests Gloves	- 220pr	Cardbard Box	17	1			
		-280px	Plastic	20	1			
	Aspestos Pipe Lines	F 12 ca	Plastic	12	1			
	Spestos ON Metal Plates		Plastic	6	سا			
U H2114	appropriate labels been affixe	ed to contain	ners? VAS 1	Not required				
	efforts been made to recycle		•					
	waste been treated in any ma							
	age Location: 713 Po	_	_					
						:blol -		are One of this form has
H. "I he	ereby certify that this material	has been rei	eased by Hadiation	n Wonitoring i	ит арри	icable) a フ <i>フ</i> る	and that r	art One of this form has
been	completed to the best of my	knowledge.	Survey Card No	<u></u>				
Generat	tor's Signature:	m. B	irless		Date: _	<u>ي</u>	T-17-	.s.y
II. APPR								
А. Арр	proved for disposal by Name: (J.R.Co.	<u>x</u> F	Phone: <u>3-3</u>	179	Address	<u> 222-T/2</u> 0	10-lito:: Roc KweT/
, ,	Date:	5/21/84	<u>1</u> :	Signature: 💃	Some	2 R.	Cax '	
R Paci	caging Requirements (specify)	Double	wrapped			1		
Q. 1 uci	caging madenaments represent,		0 1	Γ.			-	
	oosal Location:		Chemical Tro	ench 4	\overline{X}		Asbestos	Trench.
			212-P (Stora				Other	•
(1	check one)		2124 (500)	.ge/,			O (1.13)	
-								
III. TRAI	NSPORTATION/DISPOSAL							
	nsporter(s) Name: /-/=/-	male	7/ Phone: 68	58-6 0 Addre	ess: //	7/	fedge	Company PHO
	e Transported/Disposed:	5/ //	15/8	4			0	71
1	nsporter(s) Signature:	J. Mis	ster	·		-		
g G Hall Starty Parts	haporter(s) dignature.	 , _ ,	1//					
						Of	naa.	BC-6700-174,1 (N-1-82)

ΡI	FASE	CONTACT	SKIP	MOONEY	3-3562

()

(_)

1 441104 441111								
GENERATION: The Generator s	hould complet	te Part I and forwa	rd this form I	to:	WS&(202-S Rocks	/200 We	» (9-23 ¹)	
D.I. JA	CKSON	3-3622	20)2A/	3/200	Ε.	RHO	
A. Generator's Name: D.L. JAGE SKIP MOG	ONEV	Phone: 3-3562	Address:	12A/	1/200	Comp E	RHO	
B. Custodian's Name: OKIF 110	JIVE !	Phone:	Address:		4, 400	Comp	pany:	
C. Waste Description: (If more tha	n five items, a	attach additional sh	reets)					
Generic Name	Total Quantity	Type of Container	Number of Containers	Sal.	Check One	e) Gas	Hazard Class	
1. ASBESTOS		LOAD LUGGE		<u>у</u>		-		
2. HODESTOS		LOND LOUGH	ــــــــــــــــــــــــــــــــــــــ	 ^ 				
3,				†	 -			
4.				 			;	٤
5.	- -			 				
		YES	· · ·	٠	<u>.li.</u>			
D. Have appropriate labels been aff	ixed to contai	ners?11	Not required	_				
E. Have efforts been made to recy	cle (e.g., exce	ss) waste? <u>NA</u>		•				
F. Has waste been treated in any		ES If so, how?	DOUBLE E	BAGGI	ED & '	WETTE	D	
G. Storage Location: 202A/	Docк #3							.
H. "I hereby certify that this mater	ial has been re	leased by Radiation	Monitoring.	if appl	licable) a	nd that i	Part One of this form has	
been completed to the best of m	ıy knowledge.	" Survey Card Nu	mber: <u>SUR\</u>	/EY !	DUMPS	TER F	OR RELEASE ON	
•			DAY	OF I	PICK-	UP		
Generator's Signature: <u>Llebona</u>	17. Ya	rekson		Date:		116/8	<u>"</u>	
						·		
		······································					***************************************	
II. APPROVAL								
· · · · · · · · · · · · · · · · · · ·	GAC	, -	3-3/	74	مومالي م	222=1/	200-Wco.: Rockwell	
A. Approved for disposal by Name	5 10 60	<u>*</u>	Signature:	کلیلی ۱ کم	Address 4	2 12	CO. MCO MOCHWITT	
Date:	<u> 5/2)/84</u>	<u> </u>	خے :Signature	7	7.	<u> Δ</u>		
B. Packaging Requirements (specific	1: norble	bagged a	na wen	<u>eq</u>				
					-			
C. Disposal Location:		Chemical Tre	ench,	<u> </u>		Asbestos	Trench,	
(check one)	·	212-P (Stora	ige),		<u> </u>	Other		
	 							
	·			_				
III. TRANSPORTATION/DISPOSAL				,	,		-	
A. Transporter(s) Name:	To be	Phone:	8860Addre	es6://	71) 1	100	Company RHO	
B. Date Transported/Disposed:	5.7	284-181	<u> </u>	,				
	$\overrightarrow{}$	12	7./	ہے۔ سرم ہر	_	'		
C. Transporter(s) Signature:		The same of the sa	- Ju -		2			_
		<u> </u>		Č	9	· ·	8C-6700-174.1 (N-1-	-82)

000445

1. GENERATION: The Generator sho	ould complete	Part I and forwa	ard this form	to:	WS&DT 202-S/200 V Rockwell	Nest (9-17)
A. Generator's Name:	1-10-1-	Phone: 3:245	<u> </u>	224	1/200 CO	inpuny: JAJ
B. Custodian's Name: K. Eus)	4-5 m	Phone: <u>3.430</u>	Address:	272	- Coi	mpany: RHJ
C. Waste Description: (If more than						
	T		1 1	1 401		
seneric Name	Total Quantity	Type of Container	Number of Containers	Sol.	eck ()nel Liq. Gas	Hazard Class
1. Aspestas	6 yds	Lugger	7	1		
2.	/	//				
13.				<u> </u>		
<u>4, </u>				1		
5.						<u></u>
D. Have appropriate tabels been affix	ed to contain	ers? /05	Not required			
E. Have efforts been made to recycle						
F. Has waste been treated in any m	annar? Vä	If so how?	14/16	- D 0	of F	Xx bacs
G. Storage Lucation: 2 2 3		12 110 4				
H "I hereby dentify that this material		-		lit and a	- Islan and the	as Pass One of this form has
peen compreted to the best of my						at 1 art One or ons form has
/2						
Generator's Signature.	E.C.	2		Date: _	5-8	-89
				_		
						
A. Approved for disposal by Name:	Ge C.		:a2i	70 .	277	Thomas D. V. 77
A. Approved for disposal by Name:	ر <u>ي ۲. کې</u> ۱ ل ل ا	16:1	Phone: <u>ح.7.7 کاو</u> 2	: 1 - 1 - A	ddress ZZZ	16 CURCO .: NEC. NUCT
Date: _	M2414,)	. ' } 4	Signature:	40	- W	
B Packaging Requirements (specify)	: <u>'Dav</u>	ne mayo	a Znas	<u>₩</u>	<u> </u>	
					<u></u>	
C. Disposal Location.		Chemical Tr	ench,	<u> </u>	Asbesi	tos Treach,
(check one)		212-P (Store	age),		Other	
						
III. TRANSPORTATION/DISPOSAL	, /	· ,			1.	, , ,
A. Transporter(s) Name:	maple	Phone:	14 1 OAddr	ess: <u>//</u>	7/60	Company // // C
B. Date Transported/Disposed:	<u> </u>	/	91/8	-6	C &	FULL
C. Transporter(s) Signature:	=1. M	1 keis	/	7	U.C.	tou TKench-
	V:11	1//			ASP	5 165 / NEIVERS

8C-6700-174.1 (N·1-82)

000446

GENERATION: The Generator sho	ould complet	e Part I and forw	ard this form	to:	WS&DT 202-S/200 Wes Rockwell	(9-1	5)
A. Generator's Name: L. L. C. B. Custodian's Name: R. B. C.	RASS Diffin	Phone: <u>3-312</u> Phone: <u>3-666</u>	Z_7Address: 	1114 108 F	100 N Comp	any: <u>UN(</u>	7
C. Waste Description: (II more than	five items, a	ittach additional s	iheets)				
Generic Name	Total Quantity	Type of Container	Number of Containers		eck Onel Lig. / Gas	Hazard Clas	•
ASBIES TOS COUN	RED_	DOUBLE	ļ	 X 		· · · · · ·	
2 Pipe	— <u> </u>	meapher -				12/4	
	- · ·						
		<u></u>	<u> </u>			· · · · · · · · · · · · · · · · · · ·	<u>_</u>
Page Of Have appropriate lanets been all xe		•					
made to recucie				-			
G Storage Location 100-F D							
Half hereiny certify that this material.	Mas oten rei	sased by Radiatio	n Monitoring	lif applic	able) and that P	art One of this	form has
Deen completed to the best of my Generator's Signature:	knawledge."	Survey Card Nu		Date: 🚅	53-84		
	·- <u>-</u>						
II. APPROVAL					-1		·7 . #1
A. Approved for disposal by Name:	<u>iR.Co</u>		Phone: <u>3-36</u>	79 Ad	dress 222-1/2	il tico.: Box	-Keell
Date 1	$\frac{M_{ay}}{N_{-}}$	984	Signature: 💆	of the	VIII .	Doen Re	must.
B. Packaging Requirements (specify)		e wiappeo			- Crone	O LOCALINA	
		Chemical Tr	ench,	X	Asbestos	Trench,	••
2'0'		212-P (Stora			Other		
<u> </u>							
III. TRANSPORTATION/DISPOSAL							
A. Transporter(s) Name:	•	Phone:	Addre	:ss:		ompany	
B. Date Transported Disposed.							
G. Transporter(s) Signature:	==		·				
						BC-6700	-174,1 (N-1-82
					000aa=		

I. GENERATION: The Generator	should complete	te Part I and forwa	rd this form	to: WS		
					2-S/200 We:	" (9-13)
1.55	T-1. W	- 4000				0.00
A. Generator's Name: LEE B. Custodian's Name: Clude						pany: <u>RHO</u> pany: <u>RHC</u>
1				2114	Comp	oany: / /-/-
C. Waste Description: (If more th	ian rive items, a	attach additional si	neets)			•
Generic Name	Total Quantity	Type of Container	Number of Containers	(Check		Hazard Class
1. Ashestos	2303	Dum OSTER	1		1 :	
2.						
3.						
4.					-	
5.						
D. Have appropriate labels been af	fixed to contai	ners? <u> </u>	Not required			
i marti de la bilita de la compa		- \	' <i>A</i>			/ / . 0
F. Has waste been treated in any		fs_ If so, how?	PACEO	IN Lou	ble Pl	45tic 11195
G. Storage Location:						
H. "I hereby certify that this mater been completed to the best of					and that	Part One of this form has
\sim			mber: <u>r y</u>	10177		
Generator's Signature:	, Olas	b		Date:	-1-84	<u> </u>
				-		
					······································	
II. APPROVAL						
A. Approved for disposal by Nam	e G.R.Co		Phone: 3-3/	179 Addre	<u>,, 222-7</u>	20040. Rockwell
Date			Signature:	Rung	Cox	
Packaging Requirements (speci	101		ed and	weter		
		H				
C. Disposal Location:		Chemical Tre	ench,	X_{-}	Asbestos	Trench,
(check one)		212-P (Stora	ge),		Other	
						
III. TRANSPORTATION/DISPOSA	L,		./^		,	O I I a
A. Transporter(s) Name:	1. profe	Phone: 6	86 Addr	ess: <u>//7/</u>	/ freeze	Company // //
B. Date Transported/Disposed: _	/ /	1/5/8-	- 84		00	-
C. Transporter(s) Signature:	HJell	nager	<u> </u>		,	
	<u>.</u>	_			coo	448 ^{8C-6700-174,1} (N-1-82)

								and the second
. GENERATION: Th	e Generator sho	uld complet	e Part I and forwa	ird this form	20	S&DT D2-S/200 V ockweil	est	8-31
A. Ganaratar's Name:	MC THOMPS	ON	Phone: 6-1073	Address:	1166/110	0 (01	Musuv.	ROCKWELL
A. Generator's Name: B. Custodian's Name:	MC THOMPS	ON	Phone: 6-1073	Address: } Address:	1166/110	10 Cor	ncany _	ROCKWELL
C. Waste Description:							_	
Generic	Name	Total Quantity	Type of Container	Number of Containers	(Check		<u> </u>	Hazaro Dass
1. ASBESTOS	GASKET	6 EA	SACK	1	Х		FIBE	IRS
2. ASBESTOS	PACKING	3 LB	SP00L	11	Х		FIBE	RS
3. ASBESTOS	PACKING	3 LB	BOX	1	X		FIBE	:RS
4,								
5.	<u> </u>		<u> </u>					
Generator's Signature:	W.W. TAYL	.0R			Date: 4	-12-84		
APPROVAL A. Approved for disposition B. Packaging Requires	Date: 📗	Aprille	* \ C : C : A	Signature: 🛁	X	Ric.	<u>[/zcc w</u>	co.: Rockwy
C. Disposal Location: (check one)			Chemical Tr		× _	Asbest Other	os Trenc	ch,
. TRANSPORTATION A. Transporter(s) Nam B. Date Transported/ C. Transporter(s) Sign	ne: Tw	Tobe:- 4-16:	1	<u>054</u> Addr	ess: <u>// 7</u> .	1/100	⊇)Comp	any <u>Roe Kei</u>
			1					
			· ·			00	04/	SBC-6700-174,1 (N-1

1-1

ı. <u>G</u> i	ENERATION: The Generator sho	uld complete	Part I and forwa	rd this form t	o:		DT S/200 V cwell	Vesz (2-33)
۸ (Generator's Name: D. A. Pric	:hard =	hone: 6-0895	Address 8	01 15	st St	· Cor	Doany: JA Jones Const.
	Custodian's Name: D. A. Pric							
					<u> </u>		Cor	npany: or corres consu
C. V	Waste Description: (If more than	rive items, at	tach additional sr	reets)				
	Generic Name	Total Quantity	Type of Container	Number of Containers	Sol.	Check Oi Lia.	ne) Gas	Hazard Class
	1. Asbestos	3 Lugger	's Plastic		χ			ORM-C
	2.		Bags					
	3.					l		
	4.							
	5.					Ţ		
F. H G. S H. '	Have efforts been made to recycle has waste been treated in any masterage Location: Boneyard Har this material been completed to the best of my because Signature:	has been rele knowledge."	If so, how?	Monitoring (if appl	icable) 034		at Part One of this form has
A. B.	PPROVAL Approved for disposal by Name: Date: Packaging Requirements (specify): Disposal Location: (check one)	April 1/ Poubl	1984 s le bagged	ignature: _\frac{1}{2} And westernish	Jar-	Address	(()	T/201-160.: Roc.Kwell os Trench,
III. <u>T</u>	RANSPORTATION/DISPOSAL		~ ·			-		
Α.	Transporter(s) Name:	inter	Phone: 45	1860 Addre	ss: //	7	/	Company P. + 1,6.
	Date Transported/Disposed:	129//-	-8-4	Centre	/ 7	and	lett	——————————————————————————————————————
1		1. h	inter,		12.1	best	to to	Flack
U.	Transporter(s) Signature:					-		

. GENERATION: The Generator s	should comple	te Part I and forw	ard this form t	:0:	WS& 202-S Rock	S/200 1	West (8-25)
A. Generator's Name: R.D. Sid B. Custodian's Name: R.D. Sid C. Waste Description: (If more than	ilvey	Phone: <u>3-2/ 2</u> /	Address: <u>Z</u>				
Generic Name	Total Quantity	MAI DEU	Number of Containers	Sol.	heck On	ne) Gas	Hazard Class
1. ASBESTOS 2.		in pensoic					ASDESTOS
4.							
F. Has waste been treated in any G. Storage Location: 376- H. "I hereby certify that this mater been completed to the best of n Generator's Signature:	rial has been re	اد بور eleased by Radiatio " Survey Card Nu	n Monitoring (umber:	if appl		and th	at Part One of this form has
II. APPROVAL A. Approved for disposal by Name Date: B. Packaging Requirements (specifi	4/5/84	<u>‡</u>	Signature:	•	Address T	22 <u>2-</u>	T/2004ubo.: Roc Kwell
C. Disposal Location:		Chemical Tr		<u> </u>		Asbes: Other	tos Trench,
HI. TRANSPORTATION/DISPOSAL A. Transporter(s) Name: Rich B. Date Transported/Disposed: C. Transporter(s) Signature: R.	Silver	Phone: 32	2124 Addre	:ss: <u>20</u>	13-5 D L	226 -	Company RHO

(()

HAZARDOUS WASTE MANIFEST

THIS	SHIPPING ORDER must be legiply for Carbon	elible Pencil, or in Agent.		MANIFEST D 34-001	OCUMENT	NUMBER			
	FACILITY Central Landfill ID Code No.		FROM: Generator E.P.A. ID C				E CO. 99352		
Destina Phone			Origin 300 Area Phone 376-0895						
No Shipping Units	D.O.T. PROPER SHIPPING NAME	НАХАЯ	ID CLASS	Haz Ma " ID. No		WEIGHT L	ABELS REQUIRED or Exemption No.1		
3	Asbestos	0Ri4-	-C		<u> </u>	2750 L	YES		
Lugg	ers					Per Lugg	er		
							YES		
16									
BI ACA	DOS BEOLIBED		٠,						
PLACARDS REQUIRED NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding. Por Superior of Considering and statifs in effect on the data of the issue of this fill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of the order property under the content of the									
T/S/D	FACILITY		CONTACT	Name_					
Address	ID Code Nos			Phone esponse	Center	1-800- in D. C.	-424-8802 -426-2675		
This is for trans	to certify that the above named materials are pro- sportation according to the applicable regulations	perly classified	d, described, pa	ackaged, n ortation an	arked and label d the E.P.A.		,		
This is to certify that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation and the E.P.A. Generator Signature Date Date Date Date Department of Transportation and the E.P.A. ID No. Address City State Date Date Date Date Date Date Date									
TRANSPORTER #1									
This is to certify acceptance of the hazardous waste shipment. Transporter No. 1 / / / / / / / / / / / / Date 4 - 2 3 - 4									
TRANSF Address	PORTER #2)			
City Transpor Signature	ter No. 2	ceptance of t	State the hazardous			Phone			
REAT	MENT/STORAGE/DISPOSAL FACILITY This is to certify acceptance to certification to certify acceptance to certif		ous waste for	treatmen	t, storage, or o	lisposal.	- 1984		

TRANSPORTER #1 COPY

000452

		 					/
) i. g	GENERATION: The Generator :	should complet	e Part t and forv	vard this form t	o:	WS&DT 202-S/200 ' Rockwell	West (7-9)
	Comments Name CTREGG A) Lower	as 376-728	50 Addana Tá	Pailer R	1300 Ca	MARINI J. A. JONES
Α,	Generator's Name: GREGG E	SLOTVICT	Phone: 946-61	Address: Pd) Box 759	/ 000 Co	mpany: GEORGE A. Gran
	Waste Description: (If more th			۴.,	CHLAND.	WA.	impany. Quantum Quan
Ċ.	Waste Description. (II more til	an 1176 ((c)(1)3, a	ttacii additional	31166137			
	Generic Name	Total Quantity	Type of Container	Number of Containers	(Che Sol, I L	ck One)	Hazard Glass
	1. Aspentos	IDCV/Terr	TRUCK LOAD	To BE DETERM	1 7 1		ASSESTOS
	2.	41					
	3.	`					
	4,						
	5.		<u> </u>	<u> </u>			
D	. Have appropriate labels been aff	ixed to contain	ners? <u> </u>	Not required			
	Have efforts been made to recy		/1				
	Has waste been treated in any				· · · · · · · · · · · · · · · · · · ·		
	Storage Location: 384 Buil		•		·		
Н.	"I hereby certify that this mater	ial has been rel	eased by Radiatio	on Monitoring (i	f applica	ible) and the	at Part One of this form has
1	been completed to the best of n	ny knowledge."	Survey Card N	umber: <u>X/A</u>			
Ge	enerator's Signature: Greek	Brower			Date:	2/7/84	
				<u> </u>	<u></u> .	····	<u> </u>
-	APPROVAL	0 0 0	•	·			-1 0:10
A.	Approved for disposal by Name	Ciaryk (OX	Phone: 3-36	Add	dress <u>222-</u>	7/200-lico.: RHO
	Date:	2/8/84		Signature:	agon J	- C	
В.	Packaging Requirements (specif				tecl	. () p ex	1 request
	forduration of u	uorkon	this pro	ject.		·	
C.	Disposal Location:		Chemical T	rench,	<u> </u>	Asbest	tos Trench,
	(check one)		212-P (Stor	rage),		Other	
		····-					
111.	TRANSPORTATION/DISPOSAL	•					
A.	Transporter(s) Name:		Phone:	Addres	:::		Company
	Date Transported/Disposed:				_	•	
	Transporter(s) Signature:				_	-	
<u>, </u>	, , , , , , , , , , , , , , , , ,						
<u>ب</u>					-	000	453 BC-8700-174,1 (N-1-82)

HEDL BNW UNC RHO JAJ

CENTRAL LANDFILL DATE:

DATE.			JAJ .	
AT CONTRACTORS	VOLUME	、オか	CONTRACTORS	VOLUME
Ashestos 2-17-1984	125 Cobe Feet			
PANT CONST 384	41 BA95		•	
Asbestos 2 - 21 1984	105 Cube Peet			
RANT CONST 384	35 BA95	,		
ASbes Tos 2-23-1984	252 Cube Feet			
KANT CONST 384	62 BA95			
25/05 2-27-1984	238 Cube Fort			
bastos-2-284 300 AREA	60 BA95			
BESTOS 3-1,450	64 BA95			
5 km: Tos- 3.5-1984	247 Cu-FT			
Star Tos- 3.5-198"			•	,
RANT CONST 334.30.11	24400-P+			
Thestos-3-5 - 1984	207 BA95			
RANT CONST 3 84-30011-	281-CU-Ft	.		
156estos 3 - 14-1984	A \$34 CD F+			
15bestos 3 - 14-1984	98 BA95			
PANT CONCT 394 300 AXED	4 202-CU-F+			
estos 3 - 23 1984	393.CU-FT 14,5C	<u> </u>		
RANT CONST 384 300 AREA	284-CUFT 16,5cx			
Bestos 4 - 9 1984	'			
RANTCONST 384 300 AREA : 6 C STOS 4123/84	2.52-CU-FT			
.868103 4/23/84	96 CU FT	Ç.		
BESTOS 5- 8 1984	16 60 77			
bestos 3 - 8 1984				
R'ANT CONST 384300 AREA	1336-CUFT			
	-		· · · · · · · · · · · · · · · · · · ·	
_				
	- 	·		
		ľ	00043	57

A. Generator's Name: GREGG BROWER Phone: 376-7250 Address: TRALER B 300'. Company: J. A. Jones B. Custodian's Name: Gregor Subtuce Phone: 416-6186 Address: Rockwell is Rockwe	REQUEST	TO DISPOSE	OF NONRA	DIOACTIVE	НА	ZARD	ous v	vašt€
A. Generator's Name: GREGO BROWER Phone: 376-7250 Address: TRAILER B 500. Company: J. A. JONES B. Custodian's Name: Grecon Sutvice Phone: 946-6188 Address: Po. Box 789 Company: Grecge A. C. Waste Description: (If more than five items, attach additional sheets) Generic Name Total Total Type of Number of Containers Containers 1. ASARSTOS 10 cy/Trock Truck LOAD To Be Detecohes A SARSTOS D. Have appropriate labels been affixed to containers? A. Not required E. Have efforts been made to recycle (e.g., excess) waste? A. Not required G. Storage Location: 384 BULLOIN & 300 AREA H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form been completed to the best of my knowledge." Survey Card Number: N/A Generator's Signature: Greek Brown Date: 2/7/84 A. Approved for disposal by Name: GRYR. Cox Phone: 3-36.79 Address 222-7/200-1400.: R.H.O.		·						
D. Have appropriate labels been affixed to containers? WA Not required E. Have efforts been made to recycle (e.g., excess) waste? NA F. Has waste been treated in any manner? Docare body so, how? WETTED G. Storage Location: 384 Bullonk 300 AREA H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form been completed to the best of my knowledge." Survey Card Number: NA Generator's Signature: Greek Bower A SARSTOS A	A. Generator's Name: GREGG B. Custodian's Name: GORDON	BROWER	Phone: 376-728	60 - Address: TA	Cailer), Box 7	202 Roc B 30	S/200-V kwell Co	mpany: J.A. JONES
1. ASPESTOS DOCYTROCK LOAD TO BE DETERDINSO A SAESTOS 2. 3. 4. 5. D. Have appropriate labels been affixed to containers? MA Not required E. Have efforts been made to recycle (e.g., excess) waste? N/A F. Has waste been treated in any manner? DOCSLE BOOK SO, how? WETTED G. Storage Location: 364 BOILDING BOOKEA H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form been completed to the best of my knowledge." Survey Card Number: N/A Generator's Signature: Greek Browner Date: 2/7 84 I. APPROVAL A. Approved for disposal by Name: Gary (OX Phone: 3-36.79 Address 222-7200-100.) RMO	Generic Name							Hazard Class
2. 3. 4. 5. D. Hava appropriate labels been affixed to containers? NA Not required E. Have efforts been made to recycle (e.g., excess) waste? NA F. Has waste been treated in any manner? Social Regist so, how? WETTED G. Storage Location: 384 Bullanner 300 AREA H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form been completed to the best of my knowledge." Survey Card Number: NA Generator's Signature: Signature: Date: 2/7/84 A. Approval for disposal by Name: GRYR. (OX Phone: 3-3679 Address 222-7200-1200.: RIO	1. Aspestos	IDCV/TRUE	TRUCK LOAD	To BE DETERN	X			A SAFSTOS
4. 5. D. Have appropriate labels been affixed to containers? WA Not required E. Have efforts been made to recycle (e.g., excess) waste? N/A F. Has waste been treated in any manner? Docate Badf so, how? WETTED G. Storage Location: 384 Bollone No. 300 AREA H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form been completed to the best of my knowledge." Survey Card Number: N/A Generator's Signature: Greek Basical Basical Phone: 3-3679 Address 222-7200-100.: RMD APPROVAL A. Approved for disposal by Name: Gank Cox Phone: 3-3679 Address 222-7200-100.: RMD			,					
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Date: 2/5084 Signature: Four Con	A. Approved for disposal by Na		οχ	C	Lt.	\circ	222-	7/200-Wco.: RHO
B. Packaging Requirements (specify): Double bagged and wetted. Open request forduration of work on this project.	B. Packaging Requirements (spe	city): Noubl		andwe		$\neg \overline{}$	per	request
C. Disposal Location: Asbestos Trench, Asbestos Trench, Other					<u> </u>		_	

A. Transporter(s) Name: _____ Phone: _____ Address: ____ Company _

BC-8700-174.1 (N-1-82)

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No 2003	·					
A. GENERATION: The Generator s	hould camplet	e Part I and forwa	rd this form		WS&DT 202-S/200 \ Rockwell	West $\left(7-3\right)$
, ,						
A. Generator's Name: LEE C	ARK:	Phone 2-223	Address:	2710	<u>и</u> со	moany: RHO
B. Custodian's Name: CARY C	unphall	Phone: 3-//2/	Address:	2841	✓	moany: XHO
C. Waste Description: (If more tha	n five itëms, a	ittach additional sh	neets)			
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II. APPROVAL A. Approved for disposal by Name Date: B. Packaging Requirements (specify	2/1/84	s	ignature:	۳	dress <u>222.</u> T	<u> 1200-111</u> 00.: <u>Roc Kwel I</u>
C. Disposal Location:(check one)		Chemical Tre			Asbest Other	os Trench,
A. Transporter(s) Name: B. Date Transported/Disposed: C. Transporter(s) Signature:	/ne-fe -1.//4	Phone: Le Co	<u> </u>	Kench.	/	Cielpis.

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I. GENERATION: The Generator sho	uld complete	e Part I and forwa	rd this form	to:	WS&DT 202-S/200 \ Rockweil	Nest (-j-)	
4. Generator's Name: Fred Nuna	maker	Phone: 6-2638	Address:	300/370	07-Bco	mpany: <u>WHC</u>	
B. Custodian's Name: W. W. Big	lin	Phone: 6-3084	Address:	300/37		mpany: <u>WHC</u>	
C Waste Description: (If more than	five (tems, a	ttach additional sh	neets)				
	Totai	Type of	Number of	T (Ch	eck Onel	Hazaro Ciass	_
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D. Have appropriate labels been affixe	d to contain	ers? <u>YeS</u> N	lot required			•	
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Generator's Signature.	moins	sel-		Date:	James	no 26,1984	_
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A. Transporter(s) Name: [-] []	They	Phone: <u> </u>	Addre بريج ج	ss: //_/	1/1/1/cc.	Company /	-
B. Date Transported/Disposed:	51/4	ورقع لار	-hopus		0		
C. Transporter(s) Signature:	Mr.	ley,					
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HAZARDUUS WASTE MANIFEST

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REC	CEIVED, subject to the classifications and tages unanowell, marked, consigned, and de	tanifs in effect on the date of the issue of	this Bill of Lading	the property described	thing in spossors		noted (contents and c	constinue of contents of
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This	is to certify that the above		ly classified	described, pa			ed, and are in	proper condition
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Signatu		soma die				Date	much	26.1984
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T/S/D Signatu	FACILITY (Plan				Date /		7.7

TRANSPORTER #1 COPY

-000458_

 GENERATION: The Generator sh 	nould complete Part I and F	orward this form	to: WS&DT 		
A. Generator's Name: <u>C.E. H</u> B. Custodian's Name: <u>D.E. N</u>	The second secon		GOO AZEA HOO AREA	Company: <u>JAJCS</u> Company: <u>UHC</u>	
C. Waste Description: (If more tha	n five items, attach addition	al sheets)		,	
Generic Name	Total Type of Quantity Container	Number of Containers,	(Check One) Sol. Liq. G	Hazard Class	
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2.	WRAPI				
3.	(IN TEX	<i>(BED</i>)			
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5.	<u> </u>				
	y knowledge." Survey Card EATH Ju ER. G.R. Cox Tanuary 17,1984	Phone: 3-30 Signature:	Date:// Date:// Address Z	2-1/200 N co.: Rock	 (we77
B. Packaging Requirements (specify Tryck Bed,	nellea ana			<u> </u>	' -
C. Disposal Location:			·/	bestos Trench,	
III. <u>TRANSPORTATION/DISPOSAL</u> A. Transporter(s) Name: <u>[] - ; c </u> /	ic L. Cillin St. Phone:	<u>(53 536\$</u> Addr	ess (213 - Na	Les licompany YAUMA	1 VAC
B. Date Transported/Disposed: C. Transporter(s) Signature: - 1	1116/84	-8°4	Eakinia,	75901	-/20-
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Project Number_____

Internal Distribution

JMH - File/LB

Date

August 27, 1984

To

Leonard Lust

from

Jeene Hobbs

Subject

C

94-1800-081 (3-71)

CHEMICAL DISPOSAL

Disposal request approval for #PNL-84-004, 25# of ether, is no longer needed. This chemical plus 6 quarts of tetrahydrofuran and 7 pints of perchloric acid from #PNL-84-007, 1/2 pint of perchloric acid from #PNL-83-020, and 4500 mL of 2-butoxyethanol from #PNL-83-014 were exploded by the Richland Bomb Squad on August 16, 1984. This information is provided to help you update your records.

If you have any questions, please contact me on 376-1361.

/slw

.1 • REPLY DUE DIST: Ash, E.S. Sarthalemew.D.C Belfofatto, M. Carey, LML Crawford, A.C. Deichman, J.L. OI Pal, C.V. Donakue, LW. Gimera, R.J. Grube, R.S. Hammond, R.D. Heineman, R.E. Kinzer, 1E. Knight, S.E. Larson, M.P. , r.G. k, R.G. McOrrmset, R.J. Opietree, L.R. Pascae, K.L. Patterson, LW. Perties, 10. Reeser, A.L. Reecker, LH. Saline, C.M. Wai, V.R. Zahn, L.L. Contract Administra's

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Rockwell Hanford Operations Energy Systems Group P.O. Box 800 Richland, WA 99352

Rockwell International

SEP 1 2 1984

In reply, refer to letter R84-3202

Mr. C. R. McCarter Kaiser Engineering Hanford Company Post Office Box 888 Richland, Washington 99352

Dear Mr. McCarter:

DISPOSAL REQUEST 10-1

Reference: Application to Dispose of Nonradioactive Hazardous Waste, C. R. McCarter, June 14, 1984

Rockwell Hanford Operations (Rockwell) has completed review of referenced Disposal Request 10-1. The disposal method for these wastes is outlined on the attached "Disposal Analysis 10-1."

All packaging, labeling, and marking of the waste reagents shall be completed in accordance with the prescribed instructions which are based on Department of Transportation (DOT) regulations 49 CFR 171-179. A Hazardous Waste Manifest is required to accompany all waste shipments in accordance with 40 CFR 263.

Arrangements for transporting waste materials to the 2727-S storage facility (for forwarding to offsite disposal) is a generator responsibility and may be implemented following compliance with Disposal Analysis 10-1 instructions and preparation of the Hazardous Waste Manifest.

Inspection of the waste packages will be made by Solid Waste Processing & Disposal Unit (SWP&DU) personnel as required to certify that the waste is prepared in the manner designated on the subject Disposal Analysis. After inspection, SWP&DU personnel will sign the Hazardous Waste Manifest. Failure to package in the manner described on Disposal Analysis 10-1 will result in suspension of disposal privileges for the offending facility.



Mr. C. R. McCarter Page 2 SEF 1 2 1984

Should you require further assistance regarding the disposition of wastes listed on Disposal Analysis 10-1, please contact me on 3-4802.

Very truly yours,

7 Thut

L. F. Lust -Solid Waste Processing & Dsiposal Unit

LFL:ra

Att.

Disposal Analysis 10-1

Offsite Disposal

Items listed on page 2, in the Offsite Disposal section must be properly packaged and manifested for shipment to an offsite disposal facility in accordance with the State of Washington law (Chapter 173-303). The Hanford generator has the responsibility for packaging and shipping of the waste to the offsite staging facility, 2727-S/200W. Offsite disposal shipments originating from this facility will be arranged by the Rockwell Industrial Hygiene & Safety Unit.

The waste generator must comply with the following requirements for packaging, labeling and marking wastes for offsite disposal:

- o In accordance with 49 CFR 173.24, waste must be packaged in stong, tight, DOT-approved containers, unlesss otherwise specified in this Disposal Analysis.
- o The DOT hazard class label(s) specified in this Disposal Analysis must be applied to the container. Labels may be obtained from Rockwell Shipping (6-7768).
- o The Shipping Name and the Identification Number, specified in this Disposal Analysis must be marked on the container.

Compliance with these instructions can be accomplished by returning the ammonium hydroxide solution to its original jugs, capping the jugs tightly, returning the jugs to their original fiberboard shipping box, and ensuring that shipping name, number and label are clearly legible on the box.

All hazardous waste must be accompanied by a Hazardous Waste Manifest. The manifest will be initiated by the Rockwell Solid Waste Processing & Disposal Unit (SWP&DU). Both the waste generator and a representative from SWP&DU will sign the "Certification" block on the manifest after labeling, marking and inspection are completed. After the "Transporter" and the "Treatment/Storage/Disposal Facility" blocks have been completed and signed, the manifest will be returned to SWP&D for filing and for distribution of copies.

DISPOSAL ANALYSIS	3 10 - 1		triging sylven File of Sylven Sylven or Sylven	·			Page _2_ of _2.
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NUMBER MANIFEST DOCUMENT

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0:4 T/S/D F	Address	Phone &	×		PLACAR MOTE IN THE SECTION OF THE SE	ACCEIVE IN THE	TIVE	E.P.A. IE Address	This is to	Generator Signeture	TRANSPO	City	Signature TRANSPO	Address	Transporter	ATMENT/STOR

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ORIGINAL PETIIRN TO GENERATOR

FACILITY

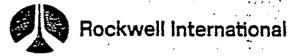
"TO MAKE LIFE LAST, PUT SAFETY FIRST"

NERATION: The Generator	should complete	Part I and forwar	rd this form t	o:	WS&DT 202-S/200 V Rockwell	Vest	10-1	
ienerator's Name: <u>C.R. McC</u>	CARTER F	Phone: 6-2232	Address:	FED/38	32co	mpany:	KAISER EN	<u> GINEER</u>
ustodian's Name: <u>C.R. Mc</u> (mpany:	KAISER EN	<u>(GINE</u> ER
laste Description: (If more th	nan five items, at	ttach additional sh	reets)					
Generic Name	Total Quantity	Type of Container	Number of Containers		neck One) Liq. Gas		Hazard Class	
1. Ammonia	17 gal	Plastic Btl	17		<u> </u>	cc	rrosive	
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C. Transporter(s) Signature:

SC-5700-174-1 BM

Internal Letter



Daté:

May 22, 1984

TO:

(Name, Organization, Internal Address)
J. D. Briggs

271-B/211-B

65950-84-334

FROM: (Name, Organization, Internal Address, Phone)
D. D. Fischer Solid Waste Processsing &

Disposal Unit

3-2491

APPROVED DISPOSAL REQUEST 8-17

Ref:

Application To Dispose of Non-Radioactive Hazardous Waste.

March 27, 1984, J. D. Briggs

The disposal method for chemical reagents listed in the referenced applications is prescribed on the attached Disposal Request Analysis.

All packaging, labeling and marking of waste reagents shall be completed in accordance with the prescribed instructions which are based on Department of Transportation (DOT) regulations (49 CFR 171-179). A Hazardous Waste Manifest is required to accompany all waste shipments in accordance with 40 CFR 263.

Arrangements for transporting waste materials to the 2727-S storage facility (for forwarding to offsite disposal) and transporting onsite disposal packages directly to the Hanford Non-Radioactive Hazardous Waste Disposal Trench is a generator responsibility and may be implemented upon compliance with the stated disposal request instructions and Hazardous Waste Manifest requirements.

Inspections by Rockwell of package content and integrity will be made as required to certify waste is disposed of in the manner designated in the burial analysis. Failure to package in the manner described in the burial analysis will result in suspension of disposal privileges for the offending facility.

Should you require further assistance regarding the disposition of wastes listed on Disposal Requests 8-17, please contact the following Rockwell personnel:

D. D. Fischer

Solid Waste Processing & Disposal (3-2491)

G. R. Cox

Industrial Hygiene & Safety (2727-S Offsite Shipment Coordinator) (3-3679)

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J. D. Briggs May 22, 1984 Page 2

D. L. McCall

Material (6-1651)

A. D. Poor

Transportation (6-1452)

D. D. Fischer, Engineer Solid Waste Processing & Disposal Unit

DDF/njb

Att:

CC: C. R. Cox
D. R. Groth CLP
A. D. Poor
L. H. Rodgers N

DISPOSAL ANALYSIS 8-17

ONSITE DISPOSAL - a) Lanthanum nitrate contaminated empty 30-gallon rubber drums (item #1) can be shipped, without triple rinsing, to the Hanford Non-Radioactive Hazardous Waste Disposal Trench.

The following marking and labeling should be present, if it is not already apparent:

- o The DOT hazard class "oxidizer" label must be applied to each container.
- o Each container must be labeled with the reagent shipping name and the identification number as listed on the Disposal Analysis chart (page 3).
- o Mark an identification number on each container which correlates and with the Hazardous Waste Manifest.
- b) Trichloroethane contaminated empty 55-gallon drums must be rinsed twice with a suitable solvent and once with water. The waste solvent and water must be properly dispositioned. After-triple rinsing the drums they can be shipped to the Hanford Non-Radioactive Hazardous Waste Disposal Trench.

The following marking and labeling should be present if it is not already apparent:

- o Each container must be labeled with the reagent shipping name and identification number as listed on Page 3 of this disposal analysis.
- o Mark an identification number on each container which correlates with the Hazardous Waste Manifest.

Since trichloroethane has been identified as an "Extremely Hazardous Waste", according to Washington State law (Chapter 173-303 WAC), the empty drums cannot be disposed of at the Non-Radioactive Hanford Hazardous Waste Disposal Trench without being tripled rinsed. If the triple rinse process is not compatible with the ongoing operation then these empty drums must be properly labeled and manifested for shipment to an offsite disposal facility.

The Hanford generator has the responsibility for packaging and arranging shipment of EAW to secure its delivery to the chemical offsite staging facility 2727-S/200W. Further offsite EHW shipment originating from 272Z-S will be arranged by Rockwell Hanford Operations.

Instruction for packaging, labeling and marking:

- o The proper shipping name Trichloroethane and ID # UN2831 must be marked on each drum.
- o Mark a package identification number which correlates with the manifest information.

		THE PARTY		,				1. 50.
HAZARD CLASS	DISPOSAL ITEM NO.	SHIPPING NAME	EPA NO.	ID. NO.	LABEL	NO. OF CONTAINERS	CONTAINER TYPE	QUANTITY C Per CONTAINER
Oxidizer	1. ' num 20)	Nitrate NOS Lanthanum Nitrate	D00 ,3 ∕	NA1477	Oxidizer	40	Rubber	
ORM-A	2.***	Trichloro- ethane	U228	UN2831	None	1 3 3	Stee1	. 55 gal.
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8-17

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A.	Generator's Name: <u>B-Plant/J</u>	D. Briggs	hone:3-2815	Address:	•		-	npany: Rockw	e11
В.	Custodian's Name: J.D. Brigo	<u>s</u> p	hone: <u>3-2463</u>	Address: <u>2</u>	71-B/	211-	ВСоп	npany: Rockw	<u>ell 4</u>
C.	Waste Description. IIf more than	five items, at	tach additional s	heetsl		•			<u>\$</u> } \$
,	Generic Name	Total Quantity	Type of Container	Number of Containers	(C	heck O	ne) Gas	- ∱ Hazard Ci	ess
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	FRANSPORTATION/DISPOSAL			· · ·				<u></u>	
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8-17

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A. Generator's Name: B-Plant/J						
B. Custodian's Name: J. D. Br	riggs	Phone: 3-246	3_Address:	2/1-B/211	-B _{Company}	: Rockwell
C. Waste Description: (If more than	five items, a	ttach additional s	heats)			
Generic Name	Total Quantity	Type of Container	Number of Containers	(Check On Sol. Liq.	e) Gas	Hazard Class
1. Lanthanum Nitrate	40 xxx	30 gal*	40		<i>-</i> .	Oxidizer
2. Trichloroethane	3 ***	55 gallon	· 3		-	ORM-A
3. Fork Truck Battery	1 -	Batte#y Cas	e ī	7	Cor	rosive Material
5.						•
** Rubber drums ** Steel drums Generator's Signature:	Λ	increases a	•	•	<i>j</i> 1	
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More drams of same material will be added since our process is on going.

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DISPOSAL ANALYSIS 11-1

ONSITE DISPOSAL

Instructions for packaging, labeling and marking wastes for onsite disposal:

· Apply the appropriate DOT label, as indicated on page 2 of 2, to the drum.

· Mark the drum with the appropriate ID, as indicated on page 2 of 2.

· Motify Transportation of the appropriate disposal trench for each group of drums:

Item 1\$2-Chemical Treach (Corrosive) Item 3 - Tiresh Treach Items 4\$5 - Construction Treach

THIS SHIPP	PING ORDER ****	ORDER must be legibly tilled in, in ink, in indelible Pencil, or in Garbon, and retained by the Agent.		MA	MANIFEST DOCUMENT NUMBER			
	This document refe disposal request			to PGL-84-001- M				
		#PDL-82-016		======================================	-			
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E.P.A. ID Code No. WA-39-000-8967			E.P.A. ID Code No. 185-189-000-6967					
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